

# **LOWE'S EDI**

## **180 Return Merchandise Authorization and Notification for Procurement**

**Version: 5040**

**Modified: 11/21/2012**

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# 180

## Return Merchandise Authorization and Notification

### Functional Group=AN

**Purpose:** This X12 Transaction Set contains the format and establishes the data contents of the Return Merchandise Authorization and Notification Transaction Set (180) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can provide for customary and established business and industry practice relative to the returning of merchandise to the vendor. This transaction set may satisfy request for returns, authorization or disposition of the return, notification of return, or notification of consumer return.

**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>
	ISA	Interchange Control Header	M	1			Mandatory
	GS	Functional Group Header	M	1			Mandatory
0100	ST	Transaction Set Header	M	1			Mandatory
0200	BGN	Beginning Segment	M	1			Mandatory
0600	N9	Extended Reference Information	O	10			Mandatory
0700	PER	Administrative Communications Contact	O	2			Optional
1100	TD5	Carrier Details (Routing Sequence/Transit Time)	O	10			Optional
1150	NTE	Note/Special Instruction	O	5			Optional
<b>LOOP ID - N1</b>					<b>200</b>		
1200	N1	Party Identification	O	1			Optional
1400	N3	Party Location	O	2			Optional
1500	N4	Geographic Location	O	1			Optional

**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 - BLI</b>					<b>&gt;1</b>	<b>N2/0100L</b>	
0100	BLI	Basic Baseline Item Data	O	1		N2/0100	Mandatory
0110	N9	Extended Reference Information	O	>1			Optional
0200	PID	Product/Item Description	O	1			Mandatory
0300	RDR	Return Disposition Reason	O	1			Mandatory
0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Optional
0420	AMT	Monetary Amount Information	O	1			Mandatory
0480	NTE	Note/Special Instruction	O	5			Optional
0500	PRF	Purchase Order Reference	O	1			Mandatory
2300	SE	Transaction Set Trailer	M	1			Mandatory

**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>
	GE	Functional Group Trailer	M	1			Mandatory
	IEA	Interchange Control Trailer	M	1			Mandatory

**Transaction User Note:**

*This transaction is used to transmit details on a Return Authorization Request (RMA) to Lowe's Procurement Suppliers.*

*Only one purchase order will be referenced per the 180 return request transaction.*

*Multiple requests for Return Authorization may be sent for the same purchase order referencing different items on the purchase order.*

*Please review the business rules pertaining to Procurement transactions on [www.loweslink.com](http://www.loweslink.com).*

*All usages under the label "Req" denote X12 usages. All usages under the label "Usage" denote Lowe's usage.*

# ISA Interchange Control Header

<b>Pos:</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 16</b>

**User Option (Usage):** Mandatory

**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control 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>
ISA01	I01	<b>Authorization Information Qualifier</b>	M	ID	2/2	Mandatory

**Description:** Code identifying the type of information in the Authorization Information

**CodeList Summary** (Total Codes: 9, Included: 1)

<u>Code</u>	<u>Name</u>
00	No Authorization Information Present (No Meaningful Information in I02)

ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Mandatory
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**Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

**Element User Note:** *This element should be filled with spaces.*

ISA03	I03	<b>Security Information Qualifier</b>	M	ID	2/2	Mandatory
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**Description:** Code identifying the type of information in the Security Information

**CodeList Summary** (Total Codes: 2, Included: 1)

<u>Code</u>	<u>Name</u>
00	No Security Information Present (No Meaningful Information in I04)

ISA04	I04	<b>Security Information</b>	M	AN	10/10	Mandatory
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**Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

**Element User Note:** *This element should be filled with spaces.*

ISA05	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Mandatory
-------	-----	---------------------------------	---	----	-----	-----------

**Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

**Element User Note:** *The sender qualifier for Lowe's USA and Canada EDI IDs is 08.*

**CodeList Summary** (Total Codes: 41, Included: 1)

<u>Code</u>	<u>Name</u>
08	UCC EDI Communications ID (Comm ID)

ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Mandatory
-------	-----	------------------------------	---	----	-------	-----------

**Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

**Element User Note:** *The sender ID for Lowe's locations in the USA is 6135830004. The sender ID for Lowe's locations in Canada is 6135830006.*

ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Mandatory
-------	-----	---------------------------------	---	----	-----	-----------

**Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

**Element User Note:** *All valid X12 codes are used.*

ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Mandatory
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**Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

ISA09	I08	<b>Interchange Date</b>	M	DT	6/6	Mandatory
-------	-----	-------------------------	---	----	-----	-----------

**Description:** Date of the interchange

ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Mandatory						
<b>Description:</b> Time of the interchange												
ISA11	I65	<b>Repetition Separator</b>	M		1/1	Mandatory						
<b>Description:</b> Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator												
<b>Element User Note:</b> <i>The value in the ISA11 should be the caret (^) which has an ASCII hex value of 5E.</i>												
ISA12	I11	<b>Interchange Control Version Number</b>	M	ID	5/5	Mandatory						
<b>Description:</b> Code specifying the version number of the interchange control segments												
<b>CodeList Summary</b> (Total Codes: 24, Included: 1)												
<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00500</td> <td>ASC X12 Standards Issued by ANSI in 2003</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	00500	ASC X12 Standards Issued by ANSI in 2003		
<u>Code</u>	<u>Name</u>											
00500	ASC X12 Standards Issued by ANSI in 2003											
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Mandatory						
<b>Description:</b> A control number assigned by the interchange sender												
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Mandatory						
<b>Description:</b> Code indicating sender's request for an interchange acknowledgment												
<b>CodeList Summary</b> (Total Codes: 2, Included: 1)												
<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No Interchange Acknowledgment Requested</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	0	No Interchange Acknowledgment Requested		
<u>Code</u>	<u>Name</u>											
0	No Interchange Acknowledgment Requested											
ISA15	I14	<b>Interchange Usage Indicator</b>	M	ID	1/1	Mandatory						
<b>Description:</b> Code indicating whether data enclosed by this interchange envelope is test, production or information												
<b>CodeList Summary</b> (Total Codes: 3, Included: 2)												
<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>P</td> <td>Production Data</td> </tr> <tr> <td>T</td> <td>Test Data</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	P	Production Data	T	Test Data
<u>Code</u>	<u>Name</u>											
P	Production Data											
T	Test Data											
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Mandatory						
<b>Description:</b> Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator												
<b>Element User Note:</b> <i>The ISA16 will include the greater than character '&gt;', which is a hex value of 6E.</i>												

**Segment Data Example:**

*Example of ISA segment for US locations.*

ISA\*00\* \*00\* \*08\*6135830004 \*01\*RECEIVER ID \*120501\*1700\*^\*00500\*000000009\*0\*P\*>|

*Example of ISA segment for Canadian locations.*

ISA\*00\* \*00\* \*08\*6135830006 \*01\*RECEIVER ID \*120501\*1700\*^\*00500\*000000009\*0\*P\*>|

# GS

# Functional Group Header

<b>Pos:</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 8</b>

**User Option (Usage):** Mandatory

**Purpose:** To indicate the beginning of a functional group and to provide control 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>
GS01	479	<b>Functional Identifier Code</b>	M	ID	2/2	Mandatory

**Description:** Code identifying a group of application related transaction sets

**CodeList Summary** (Total Codes: 261, Included: 1)

<u>Code</u>	<u>Name</u>
AN	Return Merchandise Authorization and Notification (180)

GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Mandatory
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**Description:** Code identifying party sending transmission; codes agreed to by trading partners

**Element User Note:** *The sender ID in the GS02 for Lowe's locations in the USA is 6135830004. The sender ID in the GS02 for Lowe's locations in Canada is 6135830006.*

GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Mandatory
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**Description:** Code identifying party receiving transmission; codes agreed to by trading partners

GS04	373	<b>Date</b>	M	DT	8/8	Mandatory
------	-----	-------------	---	----	-----	-----------

**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

GS05	337	<b>Time</b>	M	TM	4/8	Mandatory
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**Description:** 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)

GS06	28	<b>Group Control Number</b>	M	N0	1/9	Mandatory
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**Description:** Assigned number originated and maintained by the sender

GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Mandatory
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**Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

**CodeList Summary** (Total Codes: 2, Included: 1)

<u>Code</u>	<u>Name</u>
X	Accredited Standards Committee X12

GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Mandatory
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**Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

**CodeList Summary** (Total Codes: 64, Included: 1)

<u>Code</u>	<u>Name</u>
005040	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006

## Segment Data Example:

*Example of GS segment for US locations* GS\*AN\*6135830004\*RECEIVERID\*20120501\*1646\*000000009\*X\*005040\

*Example of GS segment for Canadian locations* GS\*AN\*6135830006\*RECEIVERID\*20120501\*1646\*000000009\*X\*005040\

# ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Mandatory

**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	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Mandatory
<b>Description:</b> Code uniquely identifying a Transaction Set						
<b>CodeList Summary</b> (Total Codes: 319, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		180		Return Merchandise Authorization and Notification		
ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Mandatory
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

## Segment Data Example:

ST\*180\*000000001\



# BGN Beginning Segment

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

**User Option (Usage):** Mandatory

**Purpose:** To indicate the beginning of a 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>
BGN01	353	Transaction Set Purpose Code	M	ID	2/2	Mandatory

**Description:** Code identifying purpose of transaction set

**CodeList Summary** (Total Codes: 67, Included: 1)

<u>Code</u>	<u>Name</u>
00	Original

BGN02	127	Reference Identification	M	AN	1/80	Mandatory
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**Element User Note:** This reference number (return to vendor id) is assigned by Lowe's. It is not the RMA Number. This field is not zero suppressed.

BGN03	373	Date	M	DT	8/8	Mandatory
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

**Element User Note:** This is the creation date of the 180 Return Authorization Request as sent by Lowe's.

## Segment Data Example:

BGN\*00\*0050005603\*20120730\

# N9

## Extended Reference Information

Pos: 0600	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Mandatory

**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	Reference Identification Qualifier	M	ID	2/3	Mandatory

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1767, Included: 4)

<u>Code</u>	<u>Name</u>
IA	Internal Vendor Number
U2	Term
WH	Master Reference (Link) Number
BAI	Business Identification Number

N902	127	Reference Identification	X	AN	1/80	Conditional
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

### Segment User Note:

*The N9 segment may be repeated multiple times at the header level within the 180.*

*When N901=IA, then N902 = Lowe's Vendor Number assigned to the Supplier (10-digits in length). The vendor number field value is not zero-suppressed. The vendor number will be different for USA and Canada transactions.*

*When N901=WH, then N902 = Lowe's assigned Vendor Set Id (up to 5-characters in length). The Vendor Set Id will include a value of EXP01 for USA transactions and a value of CAE01 for Canada transactions.*

*When N901=BAI, then N902=Lowe's Business Unit (5-characters in length). The first 3 positions of this field will be the same for both USA and Canada transactions but the next two positions of the field will be different for USA (01) and Canada (02).*

*When N901=U2, then N902=Value is based on freight terms Lowe's will use to return product/goods to vendor, if applicable.*

*Some of these reference values should be echoed back in the 810 transaction. See the 810 Invoice Implementation Guide for more information.*

### Segment Data Example:

Vendor Number N9\*IA\*0099999999\

Vendor Set Id for USA N9\*WH\*EXP01\

Vendor Set Id for Canada N9\*WH\*CAE01\

Business Unit for USA N9\*BAI\*FIN01\

Business Unit for Canada N9\*BAI\*FIN02\

Freight Terms N9\*U2\*COLLECT\

# PER Administrative Communications Contact

Pos: 0700	Max: 2
Heading - Optional	
Loop: N/A	Elements: 4

**User Option (Usage):** Optional

**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	<b>Contact Function Code</b>	M	ID	2/2	Mandatory
<b>Description:</b> Code identifying the major duty or responsibility of the person or group named						
<b>CodeList Summary</b> (Total Codes: 241, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		BD		Buyer Name or Department		
		EB		Entered By		
PER02	93	<b>Name</b>	O	AN	1/60	Conditional
<b>Description:</b> Free-form name						
PER03	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Conditional
<b>Description:</b> Code identifying the type of communication number						
<b>CodeList Summary</b> (Total Codes: 42, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		TE		Telephone		
PER04	364	<b>Communication Number</b>	X	AN	1/256	Conditional
<b>Description:</b> Complete communications number including country or area code when applicable						
<b>Element User Note:</b> This element will include the phone number, if available, for the buyer listed in the PER02. Please keep in mind this is a freeform text field within our application and the telephone number entry can vary. It may include a 10-digit telephone number, only an extension, the number without the area code, or verbiage such as 'ext' followed by a number.						

## Segment User Note:

When PER01=BD, the Buyer that submitted the original order is given in the PER02.

When PER01=EB, the person requesting a Return Authorization is given in the PER02.

If the buyer or entered by name is 'not active' at the time the order is released, the PER02 will include 'Contact Procurement'.

If the buyer's or entered by person's phone number is unknown at the time the order is released, the PER04 will include Lowe's central telephone number.

## Segment Data Example:

Buyer information from Purchase Order Example PER\*BD\*BUYER NAME ON ORDER\*TE\*999999-9999\

Return Request Entered By Example PER\*EB\*RETURN REQUEST ENTERED BY NAME\*TE\*999999-9999\

# TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1100	Max: 10
Heading - Optional	
Loop: N/A	Elements: 3

**User Option (Usage):** Optional

**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	Optional
<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)						
<b>CodeList Summary</b> (Total Codes: 249, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		92		Assigned by Buyer or Buyer's Agent		
TD503	67	Identification Code	X	AN	2/80	Conditional
<b>Description:</b> Code identifying a party or other code						
<b>Element User Note:</b> <i>When TD5-02=92, then TD5-03=Carrier Name.</i>						
TD504	91	Transportation Method/Type Code	X	ID	1/2	Optional
<b>Description:</b> Code specifying the method or type of transportation for the shipment						
<b>CodeList Summary</b> (Total Codes: 81, Included: 4)						
		<u>Code</u>		<u>Name</u>		
		A		Air		
		J		Motor		
		S		Ocean		
		ZZ		Mutually defined		

## Segment User Note:

*This segment may include the carrier information as identified by Lowe's.*

*TD5-01 is not used by Lowe's.*

## Segment Data Example:

TD5\*\*92\*CARRIERNAME\*A\

# NTE Note/Special Instruction

Pos: 1150	Max: 5
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Optional

**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

## 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>
NTE01	363	Note Reference Code	O	ID	3/3	Conditional

**Description:** Code identifying the functional area or purpose for which the note applies

**CodeList Summary** (Total Codes: 349, Included: 1)

<u>Code</u>	<u>Name</u>
ADD	Additional Information

NTE02	352	Description	M	AN	1/80	Mandatory
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**Description:** A free-form description to clarify the related data elements and their content

**Element User Note:** *This element includes additional comments at the header level.*

## Segment User Note:

*If there are special instructions/comments at the header level, they will be sent in this segment. This segment may be repeated 5 times and should be combined to obtain the full message at the header level. Please note, comments or special shipping instructions may also be sent at the line item level for the 180.*

## Segment Data Example:

NTE\*ADD\*COMMENTS AT THE HEADER LEVEL\

# N1 Party Identification

Pos: 1200	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Optional

**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	Mandatory

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

**CodeList Summary** (Total Codes: 1504, Included: 1)

<u>Code</u>	<u>Name</u>
RT	Returned to

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

**Element User Note:** When N1-01=RT then N1-02 indicates the product will be returned to this company name.

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

**CodeList Summary** (Total Codes: 249, Included: 1)

<u>Code</u>	<u>Name</u>
FA	Facility Identification

N104	67	Identification Code	X	AN	2/80	Conditional
------	----	---------------------	---	----	------	-------------

**Description:** Code identifying a party or other code

**Element User Note:** When N1-03=FA then N1-04 indicates which vendor location the product is being returned to. 'MAIN' will be used unless the vendor has multiple/regional locations.

## Segment Data Example:

N1\*RT\*NAME OF COMPANY RECEIVING RETURNED PRODUCT\*FA\*MAIN

# N3 Party Location

Pos: 1400	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Optional

**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> <b>Description:</b> Address information	M	AN	1/55	Mandatory
N302	166	<b>Address Information</b> <b>Description:</b> Address information	O	AN	1/55	Optional

## Segment User Note:

*The N3 segment may be repeated if additional address information is included in the 180. This segment may be repeated 2 times.*

## Segment Data Example:

*N3\*First Address Example in N301\*Second Address Example in N302\  
N3\*Third Address Example in N301\*Fourth Address Example in N302\  
N3\*Fifth Address Example in N301\*Sixth Address Example in N302\  
N3\*Seventh Address Example in N301\*Eighth Address Example in N302\  
N3\*Ninth Address Example in N301\*Tenth Address Example in N302\  
N3\*Eleventh Address Example in N301\*Twelfth Address Example in N302\  
N3\*Thirteenth Address Example in N301\*Fourteenth Address Example in N302\  
N3\*Fifteenth Address Example in N301\*Sixteenth Address Example in N302\  
N3\*Seventeenth Address Example in N301\*Eighteenth Address Example in N302\  
N3\*Nineteenth Address Example in N301\*Twentieth Address Example in N302\  
N3\*Twenty-first Address Example in N301\*Twenty-second Address Example in N302\  
N3\*Twenty-third Address Example in N301\*Twenty-fourth Address Example in N302\  
N3\*Twenty-fifth Address Example in N301\*Twenty-sixth Address Example in N302\  
N3\*Twenty-seventh Address Example in N301\*Twenty-eighth Address Example in N302\  
N3\*Thirtieth Address Example in N301\*Thirty-first Address Example in N302\  
N3\*Thirty-second Address Example in N301\*Thirty-third Address Example in N302\  
N3\*Thirty-fifth Address Example in N301\*Thirty-sixth Address Example in N302\  
N3\*Thirty-ninth Address Example in N301\*Fortieth Address Example in N302\  
N3\*Forty-second Address Example in N301\*Forty-third Address Example in N302\  
N3\*Forty-fifth Address Example in N301\*Forty-sixth Address Example in N302\  
N3\*Forty-ninth Address Example in N301\*Fiftieth Address Example in N302\  
N3\*Fifty-second Address Example in N301\*Fifty-third Address Example in N302\  
N3\*Fifty-fifth Address Example in N301\*Fifty-sixth Address Example in N302\  
N3\*Fifty-ninth Address Example in N301\*Sixtieth Address Example in N302\  
N3\*Sixty-second Address Example in N301\*Sixty-third Address Example in N302\  
N3\*Sixty-fifth Address Example in N301\*Sixty-sixth Address Example in N302\  
N3\*Sixty-ninth Address Example in N301\*Seventieth Address Example in N302\  
N3\*Seventy-second Address Example in N301\*Seventy-third Address Example in N302\  
N3\*Seventy-fifth Address Example in N301\*Seventy-sixth Address Example in N302\  
N3\*Seventy-ninth Address Example in N301\*Eightieth Address Example in N302\  
N3\*Eighty-second Address Example in N301\*Eighty-third Address Example in N302\  
N3\*Eighty-fifth Address Example in N301\*Eighty-sixth Address Example in N302\  
N3\*Eighty-ninth Address Example in N301\*Ninetyth Address Example in N302\  
N3\*Ninety-second Address Example in N301\*Ninety-third Address Example in N302\  
N3\*Ninety-fifth Address Example in N301\*Ninety-sixth Address Example in N302\  
N3\*Ninety-ninth Address Example in N301\*One Hundredth Address Example in N302*

# N4 Geographic Location

<b>Pos: 1500</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Optional

**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	Optional
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	X	ID	2/2	Optional
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
N403	116	<b>Postal Code</b>	O	ID	3/15	Optional
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	<b>Country Code</b>	X	ID	2/3	Optional
		<b>Description:</b> Code identifying the country				

## Segment Data Example:

*Example of N4 segment for US locations* N4\*WINSTON SALEM\*NC\*27103\*USA|

*Example of N4 segment for Canadian locations* N4\*TORONTO\*ON\*A1A 2B2\*CAN|



# BLI Basic Baseline Item Data

<b>Pos: 0100</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: BLI</b>	<b>Elements: 13</b>

**User Option (Usage):** Mandatory

**Purpose:** To specify basic item data: item identification, quantity, and price

## 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>
BLI01	235	<b>Product/Service ID Qualifier</b>	M	ID	2/2	Mandatory
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<b>CodeList Summary</b> (Total Codes: 511, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		PR		Process Number		
BLI02	234	<b>Product/Service ID</b>	M	AN	1/48	Mandatory
<b>Description:</b> Identifying number for a product or service						
<b>Element User Note:</b> <i>This element includes a sequential number assigned to the lines in the 180.</i>						
BLI03	380	<b>Quantity</b>	X	R	1/15	Mandatory
<b>Description:</b> Numeric value of quantity						
<b>Element User Note:</b> <i>This element includes the quantity that Lowe's is returning to the vendor. Lowe's may send the quantity with up to 4 digits to the right of the decimal. If the field value is a whole number, decimal places are excluded. This field is zero-suppressed.</i>						
BLI04	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Mandatory
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
<b>Element User Note:</b> <i>This element includes the Unit of Measure code as specified in the purchase order. If the line item will be returned in a different Unit of Measure than given in BLI04, the code for the Unit of Measure for the returned merchandise, as specified by the vendor, should be entered in the BLI07.</i>						
<b>All valid standard codes are used. (Total Codes: 884)</b>						
BLI05	236	<b>Price Identifier Code</b>	X	ID	3/3	Mandatory
<b>Description:</b> Code identifying pricing specification						
<b>CodeList Summary</b> (Total Codes: 168, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		PUR		Purchase		
BLI06	212	<b>Unit Price</b>	X	R	1/17	Mandatory
<b>Description:</b> Price per unit of product, service, commodity, etc.						
<b>Element User Note:</b> <i>This element includes the price per Lowe's Unit of Measure on the purchase order. This field value may contain up to 5 decimal places. If the field value is a whole number, decimal places are excluded. This field is zero-suppressed.</i>						
BLI07	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Optional
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
<b>Element User Note:</b> <i>If the line item will be returned in a different Unit of Measure than given in BLI04 as sent in the purchase order, this element should include the value for the Unit of Measure for the returned merchandise, as specified by the vendor.</i>						
<b>All valid standard codes are used. (Total Codes: 884)</b>						
BLI08	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Mandatory
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<b>CodeList Summary</b> (Total Codes: 511, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		PL		Purchaser's Order Line Number		

BLI09	234	<b>Product/Service ID</b>	X	AN	1/48	Mandatory				
<p><b>Description:</b> Identifying number for a product or service  <b>Element User Note:</b> <i>This element includes Lowe's assigned line number for an item as transmitted in the Purchase Order.</i></p>										
BLI10	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Optional				
<p><b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)  <b>CodeList Summary</b> (Total Codes: 511, Included: 1)  <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CB</td> <td>Buyer's Catalog Number</td> </tr> </tbody> </table> </p>							<u>Code</u>	<u>Name</u>	CB	Buyer's Catalog Number
<u>Code</u>	<u>Name</u>									
CB	Buyer's Catalog Number									
BLI11	234	<b>Product/Service ID</b>	X	AN	1/48	Optional				
<p><b>Description:</b> Identifying number for a product or service  <b>Element User Note:</b> <i>This element includes Lowe's assigned item identifier. The BLI-10 will always include CB when Lowe's assigned item identifier is included in the BLI-11. The Lowe's assigned item identifier may not always be included in the 180. See the 850 PO Specifications for more information on the Lowe's assigned item identifier.</i></p>										
BLI12	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Mandatory				
<p><b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)  <b>CodeList Summary</b> (Total Codes: 511, Included: 1)  <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CH</td> <td>Country of Origin Code</td> </tr> </tbody> </table> </p>							<u>Code</u>	<u>Name</u>	CH	Country of Origin Code
<u>Code</u>	<u>Name</u>									
CH	Country of Origin Code									
BLI13	234	<b>Product/Service ID</b>	X	AN	1/48	Mandatory				
<p><b>Description:</b> Identifying number for a product or service  <b>Element User Note:</b> <i>This field will include the Currency Code and it is based on the shipping location. It should match the same currency code as included in the 850 PO and 860 PO Change. For US locations, BLI-13=USD. For Canadian locations, BLI-13=CAD.</i></p>										

**Segment Data Example:**

*Example for US locations* BLI\*PR\*1\*12\*EA\*PUR\*5.5\*BX\*PL\*3\*CB\*CM\_999\_9999999999\*CH\*USD\

*Example for Canadian locations* BLI\*PR\*1\*12\*EA\*PUR\*2.5\*EA\*PL\*3\*CB\*CM\_999\_9999999999\*CH\*CAD\

# N9

## Extended Reference Information

Pos: 0110	Max: >1
Detail - Optional	
Loop: BLI	Elements: 2

**User Option (Usage):** Optional

**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	Reference Identification Qualifier	M	ID	2/3	Mandatory

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1767, Included: 4)

<u>Code</u>	<u>Name</u>
55	Sequence Number
CN	Carrier's Reference Number (PRO/Invoice)
FJ	Line Item Control Number
RZ	Returned Goods Authorization Number

N902	127	Reference Identification	X	AN	1/80	Mandatory
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

### Segment User Note:

*If N901=FJ, then. N902=RMA Line Number.*

*If N901=RZ, then N902=RMA Number.*

*If N901=CN, then N902=Pro Number.*

*If N901=55, then N902=Ship Sequence Number. The ship sequence number is used in relation with the Pro Number. More than one Pro Number can exist, and for each additional Pro Number, the Ship Sequence Number will increase by 1.*

### Segment Data Example:

RMA Number N9\*RZ\*99999\

RMA Line Number N9\*FJ\*999\

Pro Number N9\*CN\*99999\

Ship Sequence Number N9\*55\*99999\

# PID Product/Item Description

Pos: 0200	Max: 1
Detail - Optional	
Loop: BLI	Elements: 2

**User Option (Usage):** Mandatory

**Purpose:** To describe a product or process in coded or free-form format

## 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>
PID01	349	Item Description Type	M	ID	1/1	Mandatory
<b>Description:</b> Code indicating the format of a description						
<b>CodeList Summary</b> (Total Codes: 3, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		F		Free-form		
PID05	352	Description	X	AN	1/80	Mandatory
<b>Description:</b> A free-form description to clarify the related data elements and their content						

## Segment Data Example:

PID\*F\*\*\*\*PRODUCT DESCRIPTION FIELD\

# RDR Return Disposition Reason

Pos: 0300	Max: 1
Detail - Optional	
Loop: BLI	Elements: 3

**User Option (Usage):** Mandatory

**Purpose:** To indicate the disposition of the item, the reason for return by the returnee, the response to the reason for return, and whether the item was used

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
RDR01	1292	Returns Disposition Code	O	ID	2/2	Mandatory

**Description:** Code indicating the disposition of a contested item

**Element User Note:** If RDR-01=KA, this indicates a credit will be issued but the goods will not be returned. If RDR-01=RA, this indicates a credit will be issued and the goods will be returned.

**CodeList Summary** (Total Codes: 14, Included: 2)

Code	Name
KA	Keep with an Allowance
<b>Codes User Note:</b> KA indicates a credit will be issued by the vendor.	
RA	Return with Authorization Number
<b>Codes User Note:</b> RA indicates the goods should be replaced with ones in working condition for the same item.	

RDR02	1293	Return Request Reason Code	X	ID	2/2	Mandatory
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**Description:** Code indicating the reason for the return from the party returning, or requesting to return, the items

**CodeList Summary** (Total Codes: 29, Included: 6)

Code	Name
CO	Customer Ordering Error
<b>Codes User Note:</b> CO indicates there was a customer order error.	
DA	Damaged Product
DM	Defective Merchandise or Store Inspection
<b>Codes User Note:</b> DM indicates faulty goods.	
EI	Excess Inventory
<b>Codes User Note:</b> EI indicates more than the ordered quantity was received; over -shipped.	
NA	Not as Expected
<b>Codes User Note:</b> NA indicates the ordered quantity was not received; short -shipped.	
WG	Wrong Goods or Not Ordered
<b>Codes User Note:</b> WG indicates the incorrect product was shipped.	

RDR04	352	Description	O	AN	1/80	Optional
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**Description:** A free-form description to clarify the related data elements and their content

**Element User Note:** This field indicates that Lowe's will return the product/goods to the vendor.

## Segment Data Example:

Example of Return for Credit RDR\*KA\*DA\*\*SHIP\

Example of Return for Exchange/Replace RDR\*RA\*WG\*\*SHIP\

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 0400	Max: 1
Detail - Optional	
Loop: BLI	Elements: 5

**User Option (Usage):** Optional

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Mandatory

**Description:** Code which indicates an allowance or charge for the service specified  
**Element User Note:** When SAC01=A, the transaction should be processed as a Credit.  
 When SAC01=C, the transactions should be processed as a Debit.

**CodeList Summary** (Total Codes: 7, Included: 2)

Code	Name
A	Allowance
C	Charge

SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Conditional
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**Description:** Code identifying the service, promotion, allowance, or charge  
**Element User Note:** When SAC02=D240, this represents a prorated freight charge.

When SAC02=E960, this represents a prorated miscellaneous charge.

When SAC02=H750, this represents prorated sales tax.

When SAC02=H790, this represents prorated use tax.

**CodeList Summary** (Total Codes: 1090, Included: 4)

Code	Name
D240	Freight
E960	One-Time-Only Charge
H750	Tax - Sales Tax (State and Local)
H790	Tax - Use Tax

SAC05	610	Amount	O	N2	1/15	Conditional
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**Description:** Monetary amount

**Element User Note:** This field includes the fee amount. The SAC05 is a type N2 field so the two decimal positions are implied. See segment example.

SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Conditional
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**Description:** Code indicating on what basis allowance or charge percent is calculated

**Element User Note:** When SAC06=Z, this is the qualifier for the Fee Percent given in SAC07.

**CodeList Summary** (Total Codes: 16, Included: 1)

Code	Name
Z	Mutually Defined

SAC07	332	Percent, Decimal Format	X	R	1/6	Conditional
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**Description:** Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)

**Element User Note:** This field includes the fee percent. This field is zero-suppressed and can include up to 2 decimal places.

## Segment Data Example:

Example of Allowance (SAC05 represents 12.50) SAC\*A\*D240\*\*\*1250\*Z\*5.2\

Example of Charge (SAC05 represents 24.00) SAC\*C\*E960\*\*\*2400\*Z\*8\

# AMT Monetary Amount Information

Pos: 0420	Max: 1
Detail - Optional	
Loop: BLI	Elements: 2

**User Option (Usage):** Mandatory

**Purpose:** To indicate the total monetary amount

## 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>
AMT01	522	<b>Amount Qualifier Code</b>	M	ID	1/3	Mandatory
<b>Description:</b> Code to qualify amount						
<b>CodeList Summary</b> (Total Codes: 1770, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		1		Line Item Total		
AMT02	782	<b>Monetary Amount</b>	M	R	1/18	Mandatory
<b>Description:</b> Monetary amount						

## Segment User Note:

*This segment includes the total of amount for the goods being returned at the line level. This field value may contain up to 3 decimal places. If the field value is a whole number, decimal places are excluded. This field is zero-suppressed.*

## Segment Data Example:

AMT\*1\*150\

# NTE Note/Special Instruction

Pos: 0480	Max: 5
Detail - Optional	
Loop: BLI	Elements: 2

**User Option (Usage):** Optional

**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

## 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>
NTE01	363	Note Reference Code	O	ID	3/3	Mandatory

**Description:** Code identifying the functional area or purpose for which the note applies

**CodeList Summary** (Total Codes: 349, Included: 1)

<u>Code</u>	<u>Name</u>
CAR	Other Related Information

NTE02	352	Description	M	AN	1/80	Mandatory
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**Description:** A free-form description to clarify the related data elements and their content

**Element User Note:** *This element includes additional comments at the line item level.*

## Segment User Note:

*If there are special instructions/comments at the line item level, they will be sent in this segment. This segment may be repeated 5 times and should be combined to obtain the full message at the line item level. Please note, comments or special shipping instructions may also be sent at the header level for the 180.*

## Segment Data Example:

NTE\*CAR\*COMMENTS AT THE LINE ITEM LEVEL\



# PRF Purchase Order Reference

Pos: 0500	Max: 1
Detail - Optional	
Loop: BLI	Elements: 1

**User Option (Usage):** Mandatory

**Purpose:** To provide reference to a specific purchase order

## 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>
PRF01	324	Purchase Order Number	M	AN	1/22	Mandatory

**Description:** Identifying number for Purchase Order assigned by the orderer/purchaser

**Element User Note:** *This field will include Lowe's purchase order number which includes 10 digits. This field is not zero-suppressed so there can be leading zeroes.*

## Segment Data Example:

PRF\*0123456789\

# SE Transaction Set Trailer

Pos: 2300	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Mandatory

**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	Number of Included Segments	M	NO	1/10	Mandatory
<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments						
SE02	329	Transaction Set Control Number	M	AN	4/9	Mandatory
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						
<b>Element User Note:</b> <i>The control number must match the control number in the ST02.</i>						

## Segment Data Example:

SE\*15\*000000001\

# GE Functional Group Trailer

<b>Pos:</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Mandatory

**Purpose:** To indicate the end of a functional group and to provide control 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>
GE01	97	<b>Number of Transaction Sets Included</b>	M	N0	1/6	Mandatory
<b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
GE02	28	<b>Group Control Number</b>	M	N0	1/9	Mandatory
<b>Description:</b> Assigned number originated and maintained by the sender						
<b>Element User Note:</b> <i>The control number must match the control number in the GS06.</i>						

## Segment Data Example:

GE\*1\*000000009\

# IEA Interchange Control Trailer

<b>Pos:</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Mandatory

**Purpose:** To define the end of an interchange of zero or more functional groups and interchange-related control 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>
IEA01	116	<b>Number of Included Functional Groups</b>	M	N0	1/5	Mandatory
<b>Description:</b> A count of the number of functional groups included in an interchange						
IEA02	112	<b>Interchange Control Number</b>	M	N0	9/9	Mandatory
<b>Description:</b> A control number assigned by the interchange sender						
<b>Element User Note:</b> <i>The control number must match the control number in the ISA13.</i>						

## Segment Data Example:

IEA\*1\*000000009\