BBY US EDI 824 Application Advice - Core Domestic

X12/V4030/824 : 824 Application Advice

Status: Final

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Trading Partner:	**Core Domestic - Outbound**

Introduction

The EDI 824 Application Advice is used to provide a partner with rejections or required changes to an EDI document. Best Buy will be using the 824 Application Advice for U.S. Core/Domestic EDI partnerships. 824 Application Advice will communicate three things:

1. Business rejections on the EDI 856 Advance Ship Notice.
2. Request corrections on 856 Advance Ship Notice.
3. Requests resend of replacement 856 Advance Ship Notice.

Best Buy will send an 824 Application Advice the same day an 856 Advance Ship Notice is rejected.

The 824 Application Advice ***does not replace*** the 997 Functional Acknowledgement. Partners would receive a 997 Functional Acknowledgement from Best Buy in response to an 856 Advance Ship Notice letting partner know if 856 Advance Ship Notice is accepted or rejected by EDI technical/standards. In this scenario, 997 Functional Acknowledgement would be sent as an acceptance (A) in AK901.

EDI technical/standards rejections will continue to be sent through the EDI 997 Functional Acknowledgement showing a reject. In this scenario, 997 Functional Acknowledgement would be sent as a reject (R) in AK901. An automated email is also sent from integration.server@bestbuy.com with subject line of X12 856 Compliance Report. If you are not receiving the automated emails please contact EDISupport@bestbuy.com.

ACTION REQUIRED

The ASN is an integral part of Best Buy's business. It is foundational to many of Best Buy's Supply Chain Strategies, which supports our focus on the customer experience. It allows for the visibility of product movement and streamlines our receiving process within our stores and distribution network.

Action is required by partner for any 824 Application Advice received. Without action, Best Buy risks not receiving product under the 856 which causes manual work at Best Buy receiving locations. This also could cause a delay in availability of product for customers. Non-compliance could result in partner chargebacks in the future.

Important Notes
- Best Buy reserves the right to incorporate, at a future date, a compliance program for 856/ASNs that do not meet Best Buy's Requirements.
- Included in Best Buy's EDI Guidelines are both EDI technical requirements (Segments/elements) and data integrity requirements (noted throughout guidelines under User Note headings). Please map to both technical and data integrity requirements.

Resources
- For more details on shipping business requirements, please refer to Best Buy's Shipping and Routing guide(s) found on partners.bestbuy.com. Use "Shipping and Routing" term in search field to locate routing guides.
- EDI 824 Application Advice Best Buy Partner Portal page https://partners.bestbuy.com/-/edi-824

We value your partnership and are excited to collaborate with you to create an efficient environment that enables shared EDI data with our Business Partners.

Thanks in advance for your cooperation!

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824 Application Advice

Functional Group=AG

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BGN	Beginning Segment	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - OTI					**>1**	**N2/0100L**	
0100	OTI	Original Transaction Identification	M	1			Must use
0200	REF	Reference Identification	O	12		N2/0200	Used
LOOP ID - TED					**>1**		
0700	TED	Technical Error Description	O	1			Used
0800	NTE	Note/Special Instruction	O	100			Used
0820	RED	Related Data	O	100		N2/0820	Used
0900	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

2/0100L   The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.

2/0200   The REF segment allows for the provision of secondary reference identification or numbers required to uniquely identify the original transaction set. The primary reference identification or number should be provided in elements OTI02-03.

2/0820   The RED segment may be used to provide data related to the error condition specified in the associated TED01 element.

ISA   Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		All valid standard codes are used. (Total Codes: 7)				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use

User Note 1:
10 Characters of blanks

ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		All valid standard codes are used. (Total Codes: 2)				
ISA04	I04	**Security Information**	M	AN	10/10	Must use

User Note 1:
10 Characters of blanks

ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

User Note 1:
If Best Buy is the sender of the document the qualifier code of "ZZ" will be sent here.
All valid standard codes are used. (Total Codes: 41)

ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use

User Note 1:
Best Buy sender IDs are:

Production ID = 0600603000003

Testing ID = 600603ISTEST

ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		All valid standard codes are used. (Total Codes: 41)				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use

User Note 1:
Receiver ISA

ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

User Note 1:
Format to be used: YYMMDD
User Note 2:
Date is not same format as GS04

ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

User Note 1:
Format to be used: HHMM

ISA11	I65	**Repetition Separator**	M		1/1	Must use

User Note 1:
In EDI version 4030, ISA11 is no longer used as the Interchange Standards Identifier. It is now used to define the Repetition Separator. Our preferred character is <. Please do not use U, as it is no longer valid to use in this element.

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

		All valid standard codes are used. (Total Codes: 15)				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

User Note 1:
1 - Interchange Acknowledgment Requested

Code List Summary (Total Codes: 2, Included: 1)
Code	**Name**
1	Interchange Acknowledgment Requested

ISA15	I14	**Usage Indicator**	M	ID	1/1	Must use
		All valid standard codes are used. (Total Codes: 3)				
ISA16	I15	**Component Element Separator**	M		1/1	Must use

User Note 1:
Best Buy uses the | as its component separator

User Note 1:
The Interchange Control Number (ISA13) must match the Interchange Control Number (IEA02) in the Interchange Control Trailer.

User Note 2:
Example Data:
ISA*00*   *00*   *ZZ*0600603000003   *ZZ*RECEIVERISA   *201210*0759*<*00403*000000029*0*P*|~

GS   Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use
Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use

Code List Summary (Total Codes: 263, Included: 1)

Code	Name
AG	Application Advice (824)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

> **User Note 1:**
> *Best Buy sender IDs are:*
>
> *Production ID = 0600603000003*
>
> *Testing ID = 600603ISTEST*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use

> **User Note 1:**
> *Receiver GS ID*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS04	373	**Date**	M	DT	8/8	Must use

> **User Note 1:**
> *Format to be used: CCYYMMDD*
> **User Note 2:**
> *Date is not the same format as ISA09*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS05	337	**Time**	M	TM	4/8	Must use

> **User Note 1:**
> *Format to be used: HHMM*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS06	28	**Group Control Number**	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use

All valid standard codes are used. (Total Codes: 2)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

Code List Summary (Total Codes: 41, Included: 1)

Code	Name
004030	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1999

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

User Note 1:

Purpose: To indicate the beginning of a functional group and to provide control information.

The Group Control Number (GS06) must match the Group Control Number (GE02) in the Functional Group Trailer for each Functional Group.

User Note 2:

Example Data:
GS*AG*0600603000003*RECEIVERGS*20201210*075909*13*X*004030~

ST   Transaction Set Header

Pos: 0100	**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:

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

                               Code List Summary (Total Codes: 314, Included: 1)

Code	Name
824	Application Advice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

User Note 1:

Transaction Set Control Number (ST02) must match the Transaction Set Control Number used in the Transaction Set Trailer (SE02)

User Note 2:

Example Data:
*ST*824*0001~*

BGN   Beginning Segment

<table>
<tr><td>Pos: 0200</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 5</td></tr>
</table>

User Option (Usage): Must use
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	Must use

Code List Summary (Total Codes: 65, Included: 1)

<u>Code</u>	<u>Name</u>
44	Rejection

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGN02	127	**Reference Identification**	M	AN	1/50	Must use
BGN03	373	**Date**	M	DT	8/8	Must use

User Note 1:
Date that the 824 was created
User Note 2:
Format to be used CCYYMMDD

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGN04	337	**Time**	X	TM	4/8	Used

User Note 1:
Time that the 824 was created
User Note 2:
Format to be used: HHMM

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGN05	623	**Time Code**	O	ID	2/2	Used

Code List Summary (Total Codes: 51, Included: 3)

<u>Code</u>	<u>Name</u>
CD	Central Daylight Time
CS	Central Standard Time
CT	Central Time

Syntax Rules:

1. C0504 - If BGN05 is present, then BGN04 is required.

Semantics:

1. BGN02 is the transaction set reference number.
2. BGN03 is the transaction set date.
3. BGN04 is the transaction set time.
4. BGN05 is the transaction set time qualifier.

User Note 1:

Example Data:
*BGN*44*987654321*20201117*1050*CS~*

Loop Original Transaction Identification

Pos: 0100	**Repeat: >1**
Mandatory	
Loop: OTI	**Elements: N/A**

User Option (Usage): Must use
Purpose: To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	OTI	Original Transaction Identification	M	1		Must use
0200	REF	Reference Identification	O	12		Used
0700		Loop TED	O		>1	Used

OTI Original Transaction Identification

<table>
<tr><td>Pos: 0100</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Mandatory</td></tr>
<tr><td>Loop: OTI</td><td>Elements: 10</td></tr>
</table>

User Option (Usage): Must use

Purpose: To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI01	110	**Application Acknowledgment Code**	M	ID	1/2	Must use

User Note 1:
Code indicates file has been rejected by Best Buy

Code List Summary (Total Codes: 20, Included: 1)

Code	Name
TR	Transaction Set Reject

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI02	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Code List Summary (Total Codes: 1631, Included: 1)

Code	Name
SI	Shipper's Identifying Number for Shipment (SID)

User Note 1:
ASN ID from the original EDI 856 ASN document that was rejected

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI03	127	**Reference Identification**	M	AN	1/50	Must use

User Note 1:
Unique document ID from original transmission

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI04	142	**Application Sender's Code**	O	AN	2/15	Used

User Note 1:
Sender ISA from original document that was rejected

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI05	124	**Application Receiver's Code**	O	AN	2/15	Used

User Note 1:
ISA receiver ID from original document that was rejected

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI06	373	**Date**	O	DT	8/8	Used

User Note 1:
ISA date from the original document that was rejected
User Note 2:
Format to be used: CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI07	337	**Time**	O	TM	4/8	Used

User Note 1:
ISA time from the original document that was rejected
User Note 2:
Format to be used: HHMM

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI08	28	**Group Control Number**	X	N0	1/9	Used

User Note 1:
GS08 from original document that was rejected

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI09	329	**Transaction Set Control Number**	O	AN	4/9	Used

User Note 1:
ST02 from original document that was rejected

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI10	143	**Transaction Set Identifier Code**	O	ID	3/3	Used

> **User Note 1:**
> *This is the EDI Document type of the rejected message*

Code List Summary (Total Codes: 314, Included: 1)

Code	Name
856	Ship Notice/Manifest

Syntax Rules:

1. C0908 - If OTI09 is present, then OTI08 is required.

Semantics:

1. OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.
2. OTI06 is the group date.
3. OTI07 is the group time.

Comments:

1. OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.
2. If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.
3. If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

User Note 1:

This segment contains specific details of the original, rejected document.

User Note 2:

Example Data:
OTI*TR*SI*1234567889_1234567898*SENDERISA*0600603000003*20201117*1041*3800*0001*856~

REF Reference Identification

<table>
<tr><td>Pos: 0200</td><td>Max: 12</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: OTI</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

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

Code List Summary (Total Codes: 1631, Included: 2)

Code	Name
BM	Bill of Lading Number
CN	Carrier's Reference Number (PRO/Invoice)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	X	AN	1/50	Used

User Note 1:
This is the reference number from original document that was rejected

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

User Note 1:

Example Data:
REF*BM*1116044180~

REF*CN*1116044180~

Loop Technical Error Description

Pos: 0700	**Repeat: >1**
	Optional
Loop: TED	**Elements: N/A**

User Option (Usage): Used
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0700	TED	Technical Error Description	O	1		Used
0800	NTE	Note/Special Instruction	O	100		Used
0820	RED	Related Data	O	100		Used

TED   Technical Error Description

Pos: 0700	**Max: 1**
Detail - Optional	
Loop: TED	**Elements: 3**

User Option (Usage): Used
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TED01	647	**Application Error Condition Code**	M	ID	1/3	Must use

> **User Note 1:**
> *See Appendix A for error messages indicating what issue has occurred and what action will need to be taken to resolve.*

Code List Summary (Total Codes: 163, Included: 14)

Code	Name
J	Missing or Invalid Purpose Code
Q	Missing or Invalid Item Identification
MB	Missing or Invalid Purchase Order Number
MG	Missing or Invalid U.P.C. Code
ML	Missing or Invalid Sell to Location
006	Duplicate
007	Missing Data
814	Received After Cutoff Date or Time
817	Duplicate Trace Number
848	Incorrect Data
IID	Invalid Identification Code
IQT	Invalid Quantity
MID	Missing Identification Code
POI	Purchase Order Number Invalid

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TED02	3	**Free Form Message**	O	AN	1/60	Used

> **User Note 1:**
> *Best Buy system generated error*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TED07	724	**Copy of Bad Data Element**	O	AN	1/99	Used

> **User Note 1:**
> *This is the data Best Buy is rejecting*

Comments:

1. If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).

User Note 1:
Data Example:
TED*MG*RMS_INVALID_UPC*****123456789101~

NTE   Note/Special Instruction

Pos: 0800	**Max: 100**
	Detail - Optional
Loop: TED	**Elements: 2**

User Option (Usage): Used
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE01	363	**Note Reference Code**	O	ID	3/3	Used

Code List Summary (Total Codes: 342, Included: 1)

Code	Name
ZZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE02	352	**Description**	M	AN	1/80	Must use

User Note 1:
Human readable error message. See Appendix A for reason codes and correction instructions

Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processible. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

User Note 1:

Data Example:
*NTE*ZZZ*Invalid UPC. Fix. Resend ASN as replacement~*

RED   Related Data

<div>
Pos: 0820   Max: 100
Detail - Optional
Loop: TED   Elements: 2
</div>

User Option (Usage): Used
Purpose: To provide business data related to an item within a transaction to which a business application editing process has been applied, and an error condition has resulted

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
RED01	352	**Description**	M	AN	1/80	Must use
RED02	1609	**Related Data Identification Code**	X	ID	2/3	Used

> **User Note 1:**
> *RED02 is identifying the data from the original rejected document*

Code List Summary (Total Codes: 20, Included: 4)

Code	Name
PO	Purchase Order Number
PS	Product or Service Identification
RP	Reference Identification (Primary)

> **User Note 1:**
> *Tare level SSCC ID*

Code	Name
RS	Reference Identification (Secondary)

> **User Note 1:**
> *Pack Level SSCC ID*

Syntax Rules:

1. R0206 - At least one of RED02 or RED06 is required.
2. E0206 - Only one of RED02 or RED06 may be present.

Semantics:

1. RED01 provides the related business data, whose nature is defined by the code in RED02 or RED06.
2. RED02 is an X12-defined code identifying the specific type of related data in RED01.

Comments:

1. As an example of the use of the RED01 element, an application edit is applied to the Unit Price element within an Invoice (810) transaction set. The result of that edit indicates an invalid unit price. One piece of related business data would be the associated Product or Service Identification (data element #234). In this example, RED01 would be used to convey the associated Product or Service Identification.

User Note 1:
Data Example:
RED*ABCDEF*PO~

SE   Transaction Set Trailer

Pos: 0900	Max: 1
Detail - 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

User Note 1:

SE01 is total number of included segments between and including ST and SE
Transaction Set Control Number (SE02) must match Transaction Set Control Number (ST02)

User Note 2:

Example Data:
SE*10*0001~

GE   Functional Group Trailer

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use
Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
GE02	28	**Group Control Number**	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

User Note 1:

The Group Control Number (GE02) must match the Group Control Number (GS06) in the Functional Group Header for each Functional Group.

User Note 2:

Example Data:
GE*1*13~

IEA   **Interchange Control Trailer**

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use

User Note 1:

The Interchange Control Number (IEA02) must match the Interchange Control Number (ISA13) in the Interchange Control Header

User Note 2:

Example Data:
IEA*1*000000029~

Data Examples

Data Example with one error

ISA*00**00**ZZ*0600603000003*ZZ*RECEIVERISA*201210*0759*<*00403*000000029*0*P*|~
GS*AG*0600603000003*RECEIVERGS*20201210*075909*13*X*004030~
ST*824*0001~
BGN*44*987654321*20201117*1050*CS~
OTI*TR*SI*1234567889_1234567898*SENDERISA*0600603000003*20201117*1041*3800*0001*856~
REF*BM*1116044180~
REF*CN*1116044180~
TED*MG*RMS_INVALID_UPC*****123456789101~
NTE*ZZZ*Invalid UPC. Fix. Resend ASN as replacement~
RED*ABCDEF*PO~
RED*00200887270113096480*RS~
SE*10*0001~
GE*1*13~
IEA*1*000000029~

Data Example with more than one error

ISA*00* *00* *ZZ*0600603000003 *ZZ*RECEIVERISA *201210*0759*<*00403*000000044*0*P*|~
GS*AG*0600603000003*RECEIVERGS*20201210*075909*13*X*004030~
ST*824*0001~
BGN*44*221212121*20201117*1050*CS~
OTI*TR*SI*1212121212_1234567898*SENDERISA*0600603000003*20201117*1041*3800*0001*856~
REF*BM*1122232280~
REF*CN*1111111111~
TED*Q*RMS_INVALID_SKU*****1234567~
NTE*ZZZ*Incorrect UPC. Fix. Resend ASN as replacement~
RED*DDDDDD*PO~
RED*00200887270113096555*RS~
TED*IQT*ZERO_SHIP_QUANTITY*****0~
NTE*ZZZ*Ship qty for item 0. Fix. Resend ASN as replacement~
RED*DDDDDD*PO~
RED*00200887270113091111*RS~
RED*123456789101*PS~
TED*MID*ASN_NO_PACK_NO_TARE_SSCC~
NTE*ZZZ*Missing SSCCs. Fix. Resend ASN as replacement~
RED*ABCDEW*PO~
SE*18*0001~
GE*1*13~
IEA*1*000000044~

Appendix

Application Error Condition Code (TED01)	Best Buy System error messages (TED02)	Error Message (NTE02) - Human Readable	Full Description & Expected vendor action (Not displayed in EDI)
ML	RMS_INVALID_LOCATION	Ship to Loc Invalid for PO. Fix. resend ASN as replacement	Ship to Location Invalid for PO. Update ship to location with the correct PO destination, then resend EDI 856 as a "replacement".
MB	RMS_INVALID_PO	BBY PO incorrect. Fix. resend ASN as replacement	Alpha PO does not exist. Update problem PO with the correct PO, then resend EDI 856 as a "replacement".
MG	RMS_INVALID_UPC	Invalid UPC. Fix. Resend ASN as replacement	UPC does not exist. Update problem UPC with the correct UPC, then resend EDI 856 as a "replacement".
6	DUPLICATE_ASN	Duplicate ASN ID. Fix. Resend ASN as replacement.	Duplicate ASN ID was sent from partner in past year. Update ASN ID with new ASN ID, then resend EDI 856 as a "replacement".
814	ASN_RECEIVING_STARTED	Receiving already started. ASN updates are no longer valid.	Receiving has already started, ASN updates are no longer accepted. Updates to ASNs are not accepted after receiving against that ASN has started. In the future, ensure updates are made before the ASN arrives at the BBY facility.
7	INVALID_XML_HIERARCHY	ASN not structured to BBY standards. Resend ASN replacement	EDI is not structured according to BBY standards. Review EDI 856 structure and compare against BBY 856 implementation guidelines. Correct structure and then resend EDI 856 as a "replacement".
Q	RMS_INVALID_SKU	Incorrect UPC. Fix. Resend ASN as replacement	UPC maps to a SKU that does not exist on the given PO for given ship to location. Update problem UPC with the correct UPC, then resend EDI 856 as a "replacement".
848	ASN_INVALID_DATA_SHIP_TO_LOC_ID	Ship to Loc fmt incorrect. Fix. resend ASN as replacement	Ship to Location Length and/or data type unacceptable. Update ship to location to meet required length and/or data type, then resend EDI 856 as a "replacement".
848	ASN_INVALID_DATA_PO	BBY PO fmt incorrect. Fix. resend ASN as replacement	Alpha PO Length and/or data type unacceptable. Update PO to meet required length and/or data type, then resend EDI 856 as a "replacement".
848	ASN_INVALID_DATA_VENDOR_ORDER_NUMBER	VMI PO fmt incorrect. Fix. resend ASN as replacement	VMI Order Number Length and/or data type unacceptable. Update VMI order number to meet required length and/or data type, then resend EDI 856 as a "replacement".

848	ASN_INVALID_DATA_UPC	UPC fmt incorrect. Fix. Resend ASN as replacement	UPC Length and/or data type unacceptable. Update UPC to meet required length and/or data type, then resend EDI 856 as a "replacement".
POI	RMS_INVALID_VENDOR_ORDER	VMI PO does not exist. Fix. Resend ASN as replacement	VMI Order Number does not exist. Update problem VMI number with the correct VMI number, then resend EDI 856 as a "replacement".
IID	INVALID_SSCC_ID_FMT	SSCC fmt incorrect. Fix. Resend ASN as replacement	This SSCC ID was either not 20 digits in length or does not have leading '00'. Update SSCC with a valid SSCC, then resend EDI 856 as a "replacement". If ASN has already been shipped, ensure the issue is corrected for future ASNs.
817	DUPLICATE_SSCC_ID_LOCATION	Dupl SSCC. Fix if not shipped. Resend ASN as replacement	This SSCC ID was already sent on another ASN for this ship to location. Update SSCC with a non-duplicated SSCC, then resend EDI 856 as a "replacement". If ASN has already been shipped, ensure the issue is corrected for future ASNs.
817	DUPLICATE_SSCC_ID_SAME_ASN	Dupl SSCC. Fix if not shipped. Resend ASN as replacement	This SSCC ID was sent multiple time on this ASN. Update SSCC with a non-duplicated SSCC, then resend EDI 856 as a "replacement". If ASN has already been shipped, ensure the issue is corrected for future ASNs.
817	DUPLICATE_SSCC_ID	Dupl SSCC. Fix if not shipped. Resend ASN as replacement	This SSCC ID was already sent on another ASN for a different ship to location. Update SSCC with a non-duplicated SSCC, then resend EDI 856 as a "replacement". If ASN has already been shipped, ensure the issue is corrected for future ASNs.
IQT	ZERO_SHIP_QUANTITY	Ship qty for item 0. Fix. Resend ASN as replacement	A ship quantity of zero is not allowed. Remove zero quantity item from EDI 856 and resend as a "replacement".
J	ASN_PURP_CODE_NOT_ALLOWED	Invalid ASN purpose code. Fix. Resend replacement	Only 00-Original, 05-Replacement, and 01-Cancel Purpose Codes are Allowed. Update purpose code to one of the accepted purpose codes and resend ASN.
MID	ASN_NO_PACK_NO_TARE_SSCC	Missing SSCCs. Fix. Resend ASN as replacement	Missing SSCCs. Update SSCCs, then resend EDI 856 as a "replacement".