



Electronic Data Interchange

Implementation and Specification Guide

Aftermarket Division

Version 4010
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Overview

This document pertains only to the Mark IV Automotive Aftermarket division. Questions regarding EDI and iConnect should be addressed to Julie Aldo, Mark IV Automotive EDI Coordinator at (248) 844-1126 or email to Julie_Aldo@markivauto.com.

Before a trading partner begins to trade electronically with Mark IV/Dayco Products, the trading partner must be certified. To be certified by Mark IV Automotive, trading partners must be compatible with Mark IV Automotive in the following areas:

- **Network**
- **Communication**
- **Software**
- **Data Format**

Certification is formally completed when Mark IV's Information Systems group has completed all network and transaction testing. The length of testing will be determined by Mark IV.

The documents that Mark IV Automotive - Aftermarket will be transmitting are:

- **850 – Purchase Order**
- **860 – Purchase Order Change**
- **824 – Application Advice**

The documents you will be required to transmit to Mark IV Automotive are:

- **997 – Functional Acknowledgment**
- **855 – Purchase Order Acknowledgment (optional at this time)**
- **865 – Purchase Order Change Acknowledgment (optional at this time)**
- **856 – Advance Ship Notice**

Information Required from Trading Partner

The following information is required before the trading partner begins certification to exchange information electronically with Mark IV Automotive. Email the following information to Julie_Aldo@markivauto.com

- ◆ EDI contact name, address, phone/fax number and e-mail address
- ◆ Plant name, plant contact, address, phone/fax number and duns number
- ◆ Date you will be ready to test

EDI Testing

Prior to testing, you will need to set up an inter-connect between your VAN (value added network) and our VAN, iConnect. If you use iConnect as your VAN, you do not need to set up the inter-connect. Our qualifier and id is:

01 - 150148617

Testing for all documents will occur simultaneously and will not be put into production until your company has successfully tested on all documents. When you are ready to receive a test document, contact Julie Aldo, Mark IV Automotive EDI Coordinator, at (248) 844-1126 or email Julie_Aldo@markivauto.com.

Segment Usage

If a specific segment appears in the “header” area of the transaction, then the information applies to the whole transaction. If the segment appears in the “detail” portion of the transaction, then the information applies to the detail line only. If both a “header” and a “detail” segment appear, then the “detail” will supersede on the specific line only.

Text Messages

Mark IV will issue text messages or bulletins periodically. Messages will be transmitted to trading partners via e-mail.

DATA REQUIREMENTS

MISCELLANEOUS	Standard ANSI X12 – AIAG – Version 4010
FUNCTIONAL ACKNOWLEDGMENT - 997	Mark IV Automotive does expect to receive a functional acknowledgment (997) upon receipt of the 850 or 860 by the trading partner.
DOCUMENTATION CHANGES	Mark IV Automotive will give trading partners a minimum of four weeks notice before implementing format changes.
WRAPPED	All data will be transmitted and received in an 80 byte record length.
DATA FREQUENCY	Daily as needed
DAY – TIME AVAILABLE	TBD
VALUE ADDED NETWORK (VAN)	iConnect, Inc. 24 Frank Lloyd Wright Drive P.O.Box 452 Ann Arbor, MI. 48106 http://www.iconnect-corp.com Phone: (877) 275-7417

CERTIFICATION

To be certified on the 850 Purchase Order you must successfully transmit to Mark IV a 997 Functional Acknowledgment and an 855 Purchase Order Acknowledgment ([optional](#)).

To be certified on the 860 Purchase Order Change you must successfully transmit to Mark IV a 997 Functional Acknowledgment and an 865 Purchase Order Change Acknowledgment ([optional](#)).

To be certified on the 856 Advance Ship Notice you must successfully transmit to Mark IV a 856 using the test 850 as the order.

To be certified on the 824 Application Advice you must successfully receive and process a 824 from Mark IV.

You will be notified by email when you become certified for each document.

Envelope Information

Each transaction set you transmit to Mark IV Automotive must begin with an ISA and GS segment and end with an IEA and GE segment.

If the enveloping segments do not exactly meet our specifications we will not be able to receive or process the transaction set.

Envelope Required Segments/Elements

SEG	ELEMENT	DESCRIPTION	COMMENTS	USAGE
ISA	ISA01	Authorization Information Qualifier	Use 00 (zero,zero)	YES
	ISA03	Security Information Qualifier	Use 00 (zero, zero)	YES
	ISA05	Interchange ID Qualifier	01, ZZ	YES
	ISA06	Interchange Sender ID	Your ID	YES
	ISA07	Interchange ID Qualifier	Use 01 (zero one)	YES
	ISA08	Interchange Receiver ID	150148617	YES
	ISA09	Interchange Date	Date of Creation (YYMMDD)	YES
	ISA10	Interchange Time	Time of Creation (Military Time)	YES
	ISA11	Interchange Control Standards Identifier	U	YES
	ISA12	Interchange Control Version Number	00401	YES
	ISA13	Interchange Control Number	Unique number that can not be duplicated in one year's time.	YES
	ISA14	Acknowledgment Requested	Use 0 (zero) for no acknowledgment required	YES
	ISA15	Test Indicator	P - production T - test	YES
	GS01	Functional Identifier Code	PO, PC, FA, SH, AA	YES
	GS02	Application Sender Code	Your ID / Duns#	YES
	GS03	Application Receiver ID	150148617	YES
	GS04	Date	Date created (YYYYMMDD)	YES
	GS05	Time	Time created (Military Time)	YES

SEG	ELEMENT	DESCRIPTION	COMMENTS	USAGE
	GS06	Group Control Number	Start with 1 and increment by 1 for each subsequent GS segment	YES
	GS07	Responsible Agency Code	X	YES
	GS08	Version	004010	YES
IEA	IEA01	Number of Included Functional Groups	Number of GS segments included between ISA and this IEA	YES
	IEA02	Interchange Control Number	Must match ISA13	YES
GE	GE01	Number of Transaction Sets Included	Total number of ST segments in group	YES
	GE02	Group Control Number	Must be identical to the same dad element in the associated group header (GS06)	YES

Example ISA, GS, GE and IEA Segments

```

ISA*00*                *00*                *01*150148617          *01*123456789
*050115* *1839*U*00401*000000530*0*P*>µ
GS*PO*150148617*123456789*20050115*1839*84*X*004010µ
.
.
.
GE*1*84µ
IEA*1*000000530µ

```

997 Functional Acknowledgment

When a Mark IV Automotive trading partner dials (or FTP's) into the IConnect mailbox and retrieves their purchase orders or purchase order changes, Mark IV Automotive requires that the trading partner transmit a 997 Functional Acknowledgment back to confirm receipt of the documents. The 997 must be transmitted within 24 hours of receiving its corresponding document.

Acknowledgements should be created at the Transaction level.

EXAMPLE: Transaction Set 997 Functional Acknowledgment Version 4010

```
GS*FA*123456789*150148617*20050115*1939*171129*X*004010µ
ST*997*000532448*
AK1*PO*84*
AK2*850*000000135*
AK5*A*
AK9*A*1*1*1*
SE*6*000532448*
GE*1*171129*
```

850 Purchase Order

Mark IV Automotive will create purchase orders based upon demand from Mark IV Automotive/Dayco Products customers. The purchase orders will serve as spot buys. Purchase Orders will be available on a daily basis. Your Mark IV Automotive/Dayco Products buyer will notify you of the time of day your purchase orders will be available.

850 – Purchase Order Segment Definitions

Segment ID	Segment Name	Description of Segment / Notes on Use
ISA	Interchange Control Header	Identifies sender, receiver and other key transmission data
GS	Functional Group Header	Identifies specific applications of the sender and receiver
ST	Transaction Set Header	Indicates start of transaction set
BEG	Beginning segment for purchase Order	To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
CUR	Currency	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
PER	Administrative Communications Contact	To specify a person whom administrative communications should be directed
ITD	Terms of Sale	To specify terms of sale. ** not used at this time **
DTM	Date/Time Reference	To specify pertinent dates and times. Use this date only if no DTM included at the Detail Item level.
N9	Reference Identification	To transmit identifying information as specified by the Reference ID Qualifier. ** not used at this time **
MSG	Message Text	To provide a free-form format that allows the transmission of text information at the header level.
N1	Name	To identify a party by type of organization, name and code. N1 used alone for Supplier (SU). Bill-to (BT) and Ship-to (ST) will have associated N2, N3, and N4 segments.
N2	Additional Name Information	To specify additional names or those longer than 35 characters in length.
N3	Address Information	To specify the location of the named party
N4	Geographic Location	To specify the geographic place of the named party
PO1	Baseline Item Data	To specify basic line item data
DTM	Date/Time Reference	To specify pertinent dates and times. Use of this DTM segment at the item level, overrides the DTM segment at the header level.
MSG	Message Text	To provide a free-form format that allows the transmission of text information at the line item level.
CTT	Transaction Totals	To transmit a hash total for a specific element in the transaction set
GE	Functional Group Trailer	Designates the end of a functional Group
IEA	Interchange control trailer	Designates the end of one or more functional groups in a transmission

850 – Purchase Order Required Segments / Elements

Usage: M-Mandatory, O-Optional, C-Conditional,

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
BEG	BEG01	Purpose Code	00-Original 01-Cancellation	YES
	BEG02	Order Type	SA-Stand Alone Order	YES
	BEG03	Purchase Order No.	Mark IV Purchase Order Number	YES
	BEG04	Release Number		NO
	BEG05	Date	CCYYMMDD date assigned to the purchase order	YES
	BEG06	Contract Number		NO
	BEG07	Acknowledgement Type	AE-Acknowledge, Exception detail only	YES
CUR	CUR01	Entity ID	BY-Buyer	YES
	CUR02	Currency Code	USD-U.S. Dollars	YES
PER	PER01	Qualifier	BD-Buyer	YES
	PER02	Contact Name	Mark IV Contact Name	YES
	PER03	Qualifier	TE-Phone Number	YES
	PER04	Phone Number	Contact Phone Number	YES
ITD	ITD01	Terms Type Code		NO
	ITD02	Description		NO
DTM	DTM01	Qualifier	106-Required By	YES
	DTM02	Date Required	CCYYMMDD	YES
N9	N901	Reference ID Qualifier		NO
	N902	Reference Information		NO
	N903	Free-form Description		NO

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
	N904	Date	CCYYMMDD	NO
MSG	MSG01	Free-From Text		YES
N1	N101	Qualifier	SU--Supplier	YES
	N102	Name (Supplier)		YES
	N103	Qualifier	92	YES
	N104	Location Code	Vendor Code *code list will be provided	YES
N1	N101	Qualifier	ST--Ship to	YES
	N102	Name (Ship-to)		YES
	N103	Qualifier	92	YES
	N104	Location Code	Plant Code *code list will be provided	YES
N2	N201	Name 1	Additional name information as needed.	YES
	N202	Name 2		YES
N3	N301	Address 1		YES
	N302	Address 2		YES
N4	N401	City Name		YES
	N402	State or Province		YES
	N403	Postal Code		YES
	N404	Country Code	US-United States	YES
N1	N101	Qualifier	BT--Bill to	YES
	N102	Name (Bill-to)		YES
	N103	Qualifier	92	YES
	N104	Location Code	Plant Code *code list will be provided	YES

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
N2	N201	Name 1	Additional name information as needed.	YES
	N202	Name 2		YES
N3	N301	Address 1		YES
	N302	Address 2		YES
N4	N401	City Name		YES
	N402	State or Province		YES
	N403	Postal Code		YES
	N404	Country Code	USA-United States	YES
PO1	PO01	Assigned ID		YES
	PO02	Quantity Ordered	Quantity may equal Zero	YES
	PO03	Unit of Measure		YES
	PO04	Unit Price		YES
	PO05	Basis of Unit Price	CT-Contract	YES
	PO06	Product ID Code	BP-Buyer's Part Number	YES
	PO07	Product	Part Number	YES
	PO08	Product ID Code	VP-Vendor Part Number	NO
	PO09	Product	Part Number	NO
	PO10	Product	PD-Part Description	YES
	PO11	Product Description	Description	YES
DTM	DTM01	Qualifier	106-Required By	YES
	DTM02	Date Required	CCYYMMDD	YES
MSG	MSG01	Free-From Text	Message applies to the line item only	YES
CTT	CTT01	Number Line Items	Total number of line items	YES
	CTT02	Hash Total	Sum of Quantity Ordered element PO102	YES

Example 850 Purchase Order, ANSI X-12 4010 Version

GS *PO*150148617*123456789*20050114*1415*16*X*004010
ST *850*000000034
BEG *00*SA*10001*101*20050114**AE
CUR *BY*USD
PER *BD*JANE DOE*TE*810-731-0011
DTM *106*20050114
MSG *FREE-FORM MESSAGE NUMBER 1 AT THE HEADER LEVEL
MSG *FREE-FORM MESSAGE NUMBER 2 AT THE HEADER LEVEL
MSG *FREE-FORM MESSAGE NUMBER 3 AT THE HEADER LEVEL
N1 *SU*ABC COMPANY*92*12345
N1 *BT*MARK IV AUTOMOTIVE*92*524
N2 *ATTN: ACCOUNTS PAYABLE
N3 *1905 ENTERPRISE DR.
N4 *ROCHESTER HILLS*MI*489123-1234*US
N1 *ST*DAYCO PRODUCTS INC*92*136
N2 *FAYETTEVILLE DISTRIBUTION CENTER
N3 *4800 CORPORATION DRIVE
N4 *FAYETTEVILLE*NC*28306*US
PO1 *1*50*EA*12.75*CT*BP*912345***PD*BELT
PO1 *2*1500*EA*1.25*CT*BP*954321***PD*HOSE
PO1 *3*13*EA*189*CT*BP*944332***PD*RUBBER TUBE
PO1 *4*100*EA*6.32*CT*BP*999222***PD*BELT/BLACK
DTM *106*20050217
MSG *FREE-FORM MESSAGE AT THE ITEM LEVEL
CTT *4*1663
SE *25*000000034
GE *1*16

855 Purchase Order Acknowledgment – [Optional Transaction Set](#)

Mark IV Automotive requires that each purchase order (850) be acknowledged with an 855. If accepted, acknowledgments can be at the header level and the acknowledgment type (BAK02) should be "AT". If rejected, the acknowledgment type (BAK02) at the header level should be "RF" and the exception detail lines should be included.

997 Functional Acknowledgment

Available in response to the suppliers 855 at the suppliers request. If you require a 997 transmitted in response to an 855 document please contact your buyer at Mark IV.

855 – Purchase Order Acknowledgment Segment Definitions

Segment ID	Segment Name	Description of Segment / Notes on Use
ISA	Interchange Control Header	Identifies sender, receiver and other key transmission data
GS	Functional Group Header	Identifies specific applications of the sender and receiver
ST	Transaction Set Header	Indicates start of transaction set
BAK	Beginning segment for purchase order ack.	To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates
DTM	Date/Time Reference	To specify pertinent dates and times. Use this date only if no DTM included at the Detail Item level.
N1	Name	To identify a party by type of organization, name and code. N1 used alone for Supplier (SU), Bill-to (BT), and Ship-to (ST).
PO1	Baseline Item Data	To specify basic line item data
DTM	Date/Time Reference	To specify pertinent dates and times. Use of this DTM segment at the item level, overrides the DTM segment at the header level.
ACK	Line Item Acknowledgment	To acknowledge the ordered quantities and ready date for a specific line item
CTT	Transaction Totals	To transmit a hash total for a specific element in the transaction set
GE	Functional Group Trailer	Designates the end of a functional Group
IEA	Interchange control trailer	Designates the end of one or more functional groups in a transmission

855 – Purchase Order Acknowledgment Required Segments / Elements

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
BAK	BAK01	Purpose Code	00-Original 05-Replace	YES
	BAK02	Acknowledgment Type	AT-Accepted RJ-Rejected – No Detail RF- Reject with exception detail only.	YES
	BAK03	Purchase Order No.		YES
	BAK04	Date	CCYYMMDD date assigned to the purchase order	YES
	BAK05	Release Number		NO
	BAK06	Request Reference Number		NO
	BAK07	Contract Number		NO
DTM	DTM01	Qualifier	106-Required By	YES
	DTM02	Date Required	CCYYMMDD	YES
N1	N101	Qualifier	SU–Supplier	YES
	N102	Name (Supplier)		YES
	N103	Qualifier	92	YES
	N104	Location Code	Vendor Code <small>*code list will be provided</small>	YES
N1	N101	Qualifier	ST–Ship to	YES
	N102	Name (Ship-to)		YES
	N103	Qualifier	92	YES
	N104	Location Code	Plant Code <small>*code list will be provided</small>	YES
N1	N101	Qualifier	BT–Bill to	YES
	N102	Name (Bill-to)		YES
	N103	Qualifier	92	YES
	N104	Location Code	Plant Code <small>*code list will be provided</small>	YES
PO1	PO01	Assigned ID		YES

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
	PO02	Quantity Ordered	Quantity may equal Zero	YES
	PO03	Unit of Measure		YES
	PO04	Unit Price		YES
	PO05	Basis of Unit Price	CT-Contract	YES
	PO06	Product ID Code	BP-Buyer's Part Number	YES
	PO07	Product	Part Number	YES
	PO08	Product ID Code	VP-Vendor Part Number	NO
	PO09	Product	Part Number	NO
	PO10	Product	PD-Part Description	YES
	PO11	Product Description	Description	YES
DTM	DTM01	Qualifier	106-Required By	YES
	DTM02	Date Required	CCYYMMDD	YES
ACK	ACK01	Line Item Status Code	Code specifying the action taken by the seller on a line item requested by the buyer. Only <i>exception</i> line items are required. IR-Item Rejected	YES
	ACK02	Quantity	Quantity Available	YES
	ACK04	Date/Time Qualifier	069-Promised for Delivery	YES
	ACK05	Date	CCYYMMDD	YES
CTT	CTT01	Number Line Items	Total number of line items	YES

EXAMPLE 855 Purchase Order Acknowledgment, ANSI X-12 4010 Version**Example #1: Purchase Order is being rejected and the Exception line items are being shown.**

- The first line item is rejected due to quantity, price, etc.
- The second line item is rejected because the required-by date (2005/05/15) cannot be met. A promised-by date is 2005/05/19 is being indicated by the seller.

```

GS      *PR*123456789*150148617*20050114*1415*13*X*004010
ST      *855*000000031
BAK     *00*RF*10001*20050113
DTM     *106*20050515
N1      *SU*ABC COMPANY*92*12345
N1      *BT*MARK IV AUTOMOTIVE*92*524
N1      *ST*DAYCO PRODUCTS INC*92*136
PO1     *1*50*EA*12.75*CT*BP*912345***PD*BELT
ACK     *IR
PO1     *2*1500*EA*1.25*CT*BP*954321***PD*HOSE
ACK     *IR***069*20050519
CTT     *4*1663
SE      *12*000000031
GE      *1*13

```

Example #2: Purchase order is being Accepted at the Header Level. No detail is required.

```

GS      *PR*123456789*150148617*20050114*1415*14*X*004010
ST      *855*000000032
BAK     *00*AT*10002*20050113
DTM     *106*20050517
N1      *SU*ABC COMPANY*92*12345
N1      *BT*MARK IV AUTOMOTIVE*92*524
N1      *ST*DAYCO PRODUCTS INC*92*136
CTT     *0*0
SE      *8*000000032
GE      *1*14

```

860 Purchase Order Change

From time to time Mark IV / Dayco Products may change a purchase order. When this happens an 860 Purchase Order Change will be transmitted to the supplier.

Only the line items that are being effected are included in the 860.

860 – Purchase Order Change Segment Definitions

Segment ID	Segment Name	Description of Segment / Notes on Use
ISA	Interchange Control Header	Identifies sender, receiver and other key transmission data
GS	Functional Group Header	Identifies specific applications of the sender and receiver
ST	Transaction Set Header	Indicates start of transaction set
BCH	Beginning segment for Purchase Order Change	To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates
CUR	Currency	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
PER	Administrative Communications Contact	To specify a person whom administrative communications should be directed
ITD	Terms of Sale	To specify terms of sale. ** not used at this time **
DTM	Date/Time Reference	To specify pertinent dates and times. Use this date only if no DTM included at the Detail Item level.
N9	Reference Identification	To transmit identifying information as specified by the Reference ID Qualifier. ** not used at this time **
MSG	Message Text	To provide a free-form format that allows the transmission of text information at the header level
N1	Name	To identify a party by type of organization name and code. N1 used alone for Supplier (SU). Bill-to (BT) and Ship-to (ST) will have associated N2, N3, and N4 segments.
N2	Additional Name Information	To specify additional names or those longer than 35 characters in length.
N3	Address Information	To specify the location of the named party
N4	Geographic Location	To specify the geographic place of the named party
POC	Line Item Change	To specify changes to a line item
DTM	Date/Time Reference	To specify pertinent dates and times. Uses of this DTM segment at the item level, overrides the DTM segment at the header level.
MSG	Message Text	To provide a free-form format that allows the transmission of text information at the item level
CTT	Transaction Totals	To transmit a hash total for a specific element in the transaction set
GE	Functional Group Trailer	Designates the end of a functional Group
IEA	Interchange control trailer	Designates the end of one or more functional groups in a transmission

860 – Purchase Order Change Required Segments / Elements

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
BCH	BCH01	Purpose Code	04-Change	YES
	BCH02	Order Type	SA-Stand Alone Order	NO
	BCH03	Purchase Order No.		YES
	BCH04	Release Number		NO
	BCH05	Change Order Sequence Number	Number assigned identifying a specific change	YES
	BCH06	Date	CCYYMMDD date assigned to the purchase order	YES
	BCH07	Contract Number		NO
	BCH11	Date	CCYYMMDD purchase order change date	YES
	BCH14	Acknowledgement Type	AE-Acknowledge, Exception detail only	YES
CUR	CUR01	Entity ID	BY-Buyer	YES
	CUR02	Currency Code	USD-U.S. Dollars	YES
PER	PER01	Qualifier	BD-Buyer	YES
	PER02	Contact Name		YES
	PER03	Qualifier	TE-Phone Number	YES
	PER04	Phone Number		YES
ITD	ITD01	Terms Type Code		NO
	ITD02	Description		NO
DTM	DTM01	Qualifier	106-Required By	YES
	DTM02	Date Required	CCYYMMDD	YES
N9	N901	Reference ID		NO
	N902	Reference Code		NO
	N903	Free-Form Desc.		NO
	N904	Date	CCYYMMDD	NO

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
MSG	MSG01	Free-From Text		YES
N1	N101	Qualifier	SU-Supplier	YES
	N102	Name (Supplier)		YES
	N103	Qualifier	92	YES
	N104	Location Code	Vendor Code <small>*code list will be provided</small>	YES
N1	N101	Qualifier	ST-Ship to	YES
	N102	Name (Ship-to)		YES
	N103	Qualifier	92	YES
	N104	Location Code	Plant Code <small>*code list will be provided</small>	YES
N2	N201	Name 1	Additional name information as needed.	YES
	N202	Name 2		YES
N3	N301	Address 1		YES
	N302	Address 2		YES
N4	N401	City Name		YES
	N402	State or Province		YES
	N403	Postal Code		YES
	N404	Country Code	US-United States	YES
N1	N101	Qualifier	BT-Bill to	YES
	N102	Name (Bill-to)		YES
	N103	Qualifier	92	YES
	N104	Location Code	Plant Code <small>*code list will be provided</small>	YES

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
N2	N201	Name 1	Additional name information as needed.	YES
	N202	Name 2		YES
N3	N301	Address 1		YES
	N302	Address 2		YES
N4	N401	City Name		YES
	N402	State or Province		YES
	N403	Postal Code		YES
	N404	Country Code	US-United States	YES
POC	POC01	Assigned ID		YES
	POC02	Change Type Code	AI-Add additional item CA-Changes to line item DI-Delete item	YES
	POC03	Quantity Ordered	Quantity may equal zero	YES
	POC04	Quantity left to rec.		NO
	POC05	Unit of Measure		YES
	POC06	Unit Price		YES
	POC07	Basis of Unit Price	CT-Contract	YES
	POC08	Product ID Code	BP-Buyer's Part Number	YES
	POC09	Product		YES
	POC10	Product ID Code	VP-Vendor Part Number	NO
	POC11	Product		NO
	POC12	Product	PD-Part Description	YES
	POC13	Product Description	Description	YES
DTM	DTM01	Qualifier	106-Required By	YES
	DTM02	Date Required	CCYYMMDD	YES

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
MSG	MSG01	Free-From Text	Message applies to the line item only	YES
CTT	CTT01	Number Line Items	Total number of PO1 segments	YES
	CTT02	Hash Total	Sum of Quantity Ordered element POC03	YES

EXAMPLE 860 Purchase Order Change, ANSI X-12 4010 Version

In the example that follows, PO Line# 1 is being deleted while PO Line# 5 is being changed.

```
GS      *PC*150148617*123456789*20050114*0846*18*X*004010
ST      *860*000000036
BCH     *00**10001***20050113*AE
CUR     *BY*USD
PER     *BD*JANE DOE*TE*810-731-0011
DTM     *106*20050516
MSG     *FREE-FORM MESSAGE NUMBER 1 AT THE HEADER LEVEL
MSG     *FREE-FORM MESSAGE NUMBER 2 AT THE HEADER LEVEL
MSG     *FREE-FORM MESSAGE NUMBER 3 AT THE HEADER LEVEL
N1      *SU*ABC COMPANY*92*12345
N1      *BT*MARK IV AUTOMOTIVE*BT*MARK IV AUTOMOTIVE
N2      *ATTN: ACCOUNTS PAYABLE
N3      *1905 ENTERPRISE DR.
N4      *ROCHESTER HILLS*MI*489123-1234*US
N1      *ST*DAYCO PRODUCTS INC*ST*DAYCO PRODUCTS INC
N2      *FAYETTEVILLE DISTRIBUTION CENTER
N3      *4800 CORPORATION DRIVE
N4      *FAYETTEVILLE*NC*28306*US
POC     *1*DI*50**EA*12.75*CT*BP*912345***BD*BELT
POC     *5*CA*100**EA*6.32*CT*BP*999222***BD*BELT/BLACK
DTM     *106*20030520
MSG     *FREE-FORM MESSAGE AT THE ITEM LEVEL
CTT     *2*1663
SE      *25*000000036
GE      *1*18
```

865 Purchase Order Change Acknowledgment – [Optional Transaction Set](#)

Mark IV Automotive requires that each purchase order change (860) be acknowledged with an 865. If accepted, acknowledgments can be at the header level and the acknowledgment type (BAC02) should be "AT". If rejected, the acknowledgment type (BAC02) at the header level should be "RF" and the exception detail lines should be included.

997 Functional Acknowledgment

Available in response to the suppliers 865 at the suppliers request. Contact your Mark IV buyer to request this document.

865 – Purchase Order Change Segment Definitions

Segment ID	Segment Name	Description of Segment / Notes on Use
BCA	Beginning segment for Purchase Order Change Ack	To indicate the beginning of the Purchase Order Change Acknowledgment Transaction Set and transmit identifying numbers and dates
DTM	Date/Time Reference	To specify pertinent dates and times. Use this date only if no DTM included at the Detail Item level.
N1	Name	To identify a party by type of organization, name and code. N1 used alone for Supplier (SU), Bill-to (BT) and Ship-to (ST).
POC	Line Item Change	To specify changes to a line item
DTM	Date/Time Reference	To specify pertinent dates and times. Uses of this DTM segment at the item level, overrides the DTM segment at the header level.
ACK	Line Item Acknowledgment	To acknowledge the ordered quantities and specify the ready date for a specific line item
CTT	Transaction Totals	To transmit a hash total for a specific element in the transaction set
GE	Functional Group Trailer	Designates the end of a functional Group
IEA	Interchange control trailer	Designates the end of one or more functional groups in a transmission

865 – Purchase Order Change Acknowledgment Required Segments / Elements

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
BCA	BCA01	Purpose Code	00-Original 05-Replace	YES
	BCA02	Acknowledgment Type	AT-Accepted RJ-Rejected – No Detail RF- Reject with exception detail only.	YES
	BCA03	Purchase Order No.		YES
	BCA04	Release Number		NO
	BCA05	Change Order Sequence Number	Number assigned identifying a specific change	YES
	BCA06	Date	CCYYMMDD date assigned to the purchase order	YES
	BCA07	Contract Number		NO
	BCA11	Date	CCYYMMDD purchase order change date	YES
DTM	DTM01	Qualifier	106-Required By	YES
	DTM02	Date Required	CCYYMMDD	YES
N1	N101	Qualifier	SU–Supplier	YES
	N102	Name (Supplier)		YES
	N103	Qualifier	92	YES
	N104	Location Code	Vendor Code <small>*code list will be provided</small>	YES
N1	N101	Qualifier	ST–Ship to	YES
	N102	Name (Ship-to)		YES
	N103	Qualifier	92	YES
	N104	Location Code	Plant Code <small>*code list will be provided</small>	YES
N1	N101	Qualifier	BT–Bill to	YES
	N102	Name (Bill-to)		YES
	N103	Qualifier	92	YES
	N104	Location Code	Plant Code <small>*code list will be provided</small>	YES

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
POC	POC01	Assigned ID		YES
	POC02	Change Type Code	AI-Add additional item CA-Changes to line item DI-Delete item	YES
	POC03	Quantity Ordered	Quantity may equal zero	YES
	POC04	Quantity left to rec.		NO
	POC05	Unit of Measure		YES
	POC06	Unit Price		YES
	POC07	Basis of Unit Price	CT-Contract	YES
	POC08	Product ID Code	BP-Buyer's Part Number	YES
	POC09	Product		YES
	POC10	Product ID Code	VP-Vendor Part Number	NO
	POC11	Product		NO
	POC12	Product	PD-Part Description	YES
	POC13	Product Description	Description	YES
DTM	DTM01	Qualifier	106-Required By	YES
	DTM02	Date Required	CCYYMMDD	YES
ACK	ACK01	Line Item Status Code	Code specifying the action taken by the seller on a line item requested by the buyer. Only <i>exception</i> line items are required. IR-Item Rejected	Y
	ACK02	Quantity	Quantity Available	YES
	ACK04	Date/Time Qualifier	069-Promised for Delivery	YES
	ACK05	Date	CCYYMMDD	YES
CTT	CTT01	Number Line Items	Total number of PO1 segments	YES
	CTT02	Hash Total	Sum of Quantity Ordered element POC03	YES

Example 865 Purchase Order Change Acknowledgments, ANSI X-12 4010 Version

Example #1: Purchase Order Change is being rejected with exception detail. Required-by date of 2005/05/16 cannot be met. Seller indicates that 2005/05/19 can be met.

```
GS  *CA*123456789*150148617*20050114*0846*20*X*004010
ST  *865*000000038
BCA *00*RJ*10001**001*20050113*
DTM *106*20050502
N1  *SU*ABC COMPANY*92*12345
N1  *BT*MARK IV AUTOMOTIVE*92*524
N1  *ST*DAYCO PRODUCTS INC*92*134
POC *1*CA*100**EA*6.32*CT*BP*999222***BD*BELT/BLACK
DTM *106*20050516
ACK *IR***069*20050519
CTT *1*100
SE  *11*000000038
GE  *1*20
```

Example #2: Purchase Order Change is being accepted at the Header Level. No detail is required.

```
GS  *CA*123456789*150148617*20050114*0846*21*X*004010
ST  *865*000000039
BCA *00*AT*10002**001*20050113*
DTM *106*20050502
N1  *SU*ABC COMPANY*92*12345
N1  *BT*MARK IV AUTOMOTIVE*92*524
N1  *ST*DAYCO PRODUCTS INC*92*134
CTT *0*0
SE  *8*000000039
GE  *1*21
```

856 Advance Ship Notice

Mark IV Automotive will return an 824 Application Advice if there are errors on the ASN. The supplier is expected to fix and resend ASN errors that are critical (ie. cause our system to not process the ASN). An Application Advice will also be return if no errors are found.

997 Functional Acknowledgment

Available in response to the suppliers 856 at the suppliers request.

856 – Advance Ship Notice Segment Definitions

Segment ID	Segment Name	Description of Segment / Notes on Usage
ISA	Interchange Control Header	Identifies sender, receiver and other key transmission data
GS	Functional Group Header	Identifies specific applications of the sender and receiver
ST	Transaction Set Header	Indicates start of transaction set
BSN	Beginning segment for ship notice	
DTM	Date/Time Reference	To specify pertinent dates and times.
HL	Hierarchical Level	To identify the Shipment Level
MEA	Measurements	
TD1	Carrier Details (lading)	To specify transportation detail relative to commodity, weight, and quantity.
TD5	Carrier Details (Routing)	To specify routing sequence and carrier information
TD3	Carrier Details (Equipment)	To specify transportation detail relating to the equipment used by the carrier.
REF	Reference Numbers	To specify identifying numbers associated with the named party.
FOB	F.O.B Related Instructions	To specify FOB information for customs purposes
N1	Name	To identify a party by type of organization, name and code. N1 used alone for Supplier (SU) and Ship-from (SF). Ship-to (ST) will have associated N2, N3, and N4 segments.
N2	Additional Name Information	To specify additional names or those longer than 35 characters in length.
N3	Address Information	To specify the location of the named party
N4	Geographic Location	To specify the geographic place of the named party
ETD	Excess Transportation Detail	To specify information relating to premium transportation
CUR	Currency	To specify the currency as it relates to this shipment *note: This applies to all financial amounts in this transaction set.
SAC	Service	To specify special charges associated with this shipment
HL	Hierarchical Level	To identify the Order Level
PRF	Purchase Order Reference	To specify information relating to the Purchase Order. *note: all Items in Item level refer to this P.O.
HL	Hierarchical Level	To identify the Item Level
LIN	Item Identification	To specify basic Item identification data

SN1	Segment Item Level	To specify line item detail relative to the shipment
SLN	Sub-line Item Detail	To specify unit price detail
CLD	Load Detail	To specify the number of material loads shipped
CTT	Transaction Totals	To transmit a hash total for a specific element in the transaction set
SE	Transaction Set Trailer	Designates the end of the transaction set
GE	Functional Group Trailer	Designates the end of a functional Group
IEA	Interchange control trailer	Designates the end of one or more functional groups in a transmission

856 – Advance Ship Notice Required Segments / Elements

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
BSN	BSN01	Purpose Code	00-Original 01-Cancellation	Mandatory
	BSN02	Shipment Identification	Unique supplier assigned number	Mandatory
	BSN03	Date	Document Creation Date. Expressed as CCYYMMDD	Mandatory
	BSN04	Time	Document Creation Time. 24 hour clock: HHMMSS	Mandatory
	BSN06	Transaction Type Code	Code specifying the type of transaction. Use on an individual basis with some suppliers.	Optional
DTM	DTM01	Qualifier	011-Shipped	Mandatory
	DTM02	Date	Ship Date Expressed as CCYYMMDD	Mandatory
	DTM03	Time	Ship Time 24 hour clock: HHMM	Mandatory
	DTM04	Time Zone	Code identifying the time. Use valid X12 code.	Mandatory
DTM	DTM01	Qualifier	017-Estimated Delivery	Optional
	DTM02	Date	Delivery Date Expressed as CCYYMMDD	Optional
	DTM03	Time	Delivery Time 24 hour clock: HHMM	Optional
	DTM04	Time Zone	Code identifying the time. Use valid X12 code.	Optional
H1	HL01	Hierarchical ID Number	Number representing first occurrence in transaction set. Each subsequent HL segment will increment by 1	Mandatory
	HL03	Hierarchical Level Code	S – Shipment Level	Mandatory
MEA	MEA01	Measurement Reference ID Code	WT – Weight.	Mandatory
	MEA02	Measurement Qualifier	G – Gross Weight N – Actual Net Weight	Mandatory

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
	MEA03	Measurement Value	Value of Measured Dimension. No decimals. will be accepted	Mandatory
	MEA04	Unit of Measure Code	LB – Pound	Mandatory
TD1	TD101	Packaging Code	Use acceptable code in Data Element Dictionary	Mandatory
	TD102	Lading Quantity	Number of Packages	Mandatory
TD5	TD501	Routing Sequence Code	Code describing the relationship of a carrier to a specific shipment movement. B – Origin/Delivery Carrier	Mandatory
	TD502	Identification Code Qualifier	2 – Standard Carrier Alpha Code (SCAC)	Mandatory
	TD503	Identification Code	Carrier SCAC code	Mandatory
	TD504	Transportation Method	Code specifying the method or type of transportation for the shipment. (Use acceptable code in Data Element Dictionary)	Mandatory
	TD505	Routing	Free form description of routing or Routing Code for Contract Carriers	Optional
	TD507	Location Qualifier	PP – Pool Point for consolidation shipments, A – Air	Conditional
	TD508	Location Identifier	Pool location code when TD507 is PP or Airport when TD507 is A.	Conditional
TD3	TD301	Equipment Description Code	Code Identifying Type of equipment. (Use acceptable code in Data Element Dictionary)	Mandatory
	TD302	Equipment Initial	Prefix or alphabetic part of an equipment unit's identification.	Conditional
	TD303	Equipment Number	Trailer number (pure numeric form)	Mandatory

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
REF	REF01	Reference Identification Qualifier	BM – Bill of Lading PK – Pack List# CN – Carrier Pro# DK – Receive Dock AW – Airbill Number MB – Master BOL SA – Shipment Auth# UD – Ultimate Dest. ZZ – Mutually Def. IC – Intermediate Consign.	Mandatory Mandatory Optional Optional Conditional Optional Conditional Conditional Conditional Conditional
	REF02	Reference Identification	Reference information as specified by the reference ID qualifier	Mandatory
FOB	FOB01	Shipment Method of Payment	CC – Collect PP – Prepaid PC – Prepaid but changed to Customer	Mandatory
N1	N101	Qualifier	SU – Supplier	Mandatory
	N102	Name (Supplier)	Free form name	Optional
	N103	Qualifier	92	Mandatory
	N104	Location Code	Vendor Code as received on the Purchase Order	Mandatory
N1	N101	Qualifier	SF–Ship From if different from Supplier location.	Conditional
	N102	Name (Ship From)	Free form name	Optional
	N103	Qualifier	92	Conditional
	N104	Location Code	Vendor Code *code list will be provided	Conditional
N1	N101	Qualifier	ST–Ship to	Mandatory
	N102	Name (Ship-to)	Free Form name	Optional
	N103	Qualifier	92	Mandatory
	N104	Location Code	Plant Code *code list will be provided	Mandatory

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
N2	N201	Name 1	Name	Optional
	N202	Name 2	Name	Optional
N3	N301	Address 1	Address	Optional
	N302	Address 2	Address	Optional
N4	N401	City Name		Optional
	N402	State or Province		Optional
	N403	Postal Code		Optional
	N404	Country Code	US-United States	Optional
ETD	EDT01	Excess Trans Reason Code	Use ZZ	Conditional
	EDT02	Excess Trans Responsibility Code	A – Customer Plant resp. S – Supplier responsibility Z – Carrier responsibility	Conditional
	EDT03	Reference Identification Qualifier	AE – Authorization for Expense Number	Conditional
	EDT04	Reference Number	Authorization for Excess Transportation Charges (AETC) number	Conditional
CUR	CUR01	Entity ID Code	Any valid X12 code value	Mandatory
	CUR02	Currency Code	Standard ISO code for country currency	Mandatory
SAC	SAC01	Allowance or Charge	C – Charge	Conditional
	SAC02	Charge Code	D240 – Freight	Conditional
	SAC05	Amount	Total Charge Amount	Conditional
HL	HL01	Hierarchical ID Number	Incremented by 1 in each subsequent HL segment	Mandatory
	HL02	Hierarchical Parent ID	Hierarchical ID Number of data segment, subordinated	Mandatory

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
			to (refers to shipment level – 1 being parent ID.)	
	HL03	Hierarchical Level Code	O – Order	Mandatory
PRF	PRF01	Purchase Order Number	Purchase Order Number as received on the 850.	Mandatory
	PRF02	Release Number	As received on the 850	Not used
	PRF04	Date	Purchase Order Date Express as CCYYMMDD	Mandatory
HL	HL01	Hierarchical ID Number	Incremented by 1 in each subsequent HL segment	Mandatory
	HL02	Hierarchical Parent ID	Hierarchical ID Number of data segment this level is subordinated to (refers to order level – 2 being parent ID.)	Mandatory
	HL03	Hierarchical Level Code	I – Item	Mandatory
LIN	LIN01	Assigned ID	Purchase Order Line Number as received on the 850.	Mandatory
	LIN02	Product ID Qualifier	BP – Buyer's Part Number	Mandatory
	LIN03	Product	Buyer's Part Number	Mandatory
	LIN04	Product ID Qualifier	VP – Vendor's Part Number	Optional
	LIN05	Product	Vendor's Part Number	Optional
	LIN06	Product ID Qualifier	EC - Engineering Change Level	Mandatory
	LIN07	Product	Engineering Change Level	Mandatory
	LIN08	Product ID Qualifier	RC – Returnable Container Part Number	Conditional
	LIN09	Product	Returnable Container Part Number	Conditional
	LIN10	Product ID Qualifier	MA – Manifest Number	Optional
	LIN11	Product	Manifest Number	Optional
	LIN12	Product ID Qualifier	UP – UPC Number	Optional
	LIN13	Product	UPC Number	Optional

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	USAGE
	LIN14	Product ID Qualifier	SK – Sku (Stock Keeping Unit) Number	Optional
	LIN15	Product	Sku Number	Optional
SN1	SN102	Number of Units Shipped	Quantity Shipped	Mandatory
	SN103	Unit of Measure	Unit of Measure	Mandatory
	SN104	Quantity Shipped to Date	Cumulative quantity shipped for this model year	Mandatory
SLN	SLN01	Assigned ID	Use “1”	Mandatory
	SLN03	Relationship Code	Use “1”	Mandatory
	SLN06	Unit Price	Price per unit of this product	Mandatory
CLD	CLD01	Number of Loads	Number of containers (pallets, etc.)	Mandatory
	CLD02	Number of Units Shipped	Quantity per Load (number of units per container)	Mandatory
CTT	CTT01	Number Line Items	Total number of HL segments	Mandatory
	CTT02	Hash Total	Sum of Quantity Shipped Element SN102	Mandatory

Example 856 Advance Ship Notice, ANSI X-12 4010 Version

GS *SH*123456789*150148617*20050114*0835*49999*X*004010
ST *856*750000001
BSN *00*00131258*20050114*083515
DTM *011*20050114*0832*ED
HL *1**S
MEA *WT*N*70*LB
MEA *WT*G*75*LB
TD1 *CTN90*2
TD5 *B*2*UPSG*LT*UPS GROUND
TD3 *TL*SS*03
REF *PK*123456
REF *BM*13750144-002
REF *ZZ*001122
FOB *PC
N1 *SU*ABC CORP.*92*123456789
N1 *ST*MARK IV AUTOMOTIVE*92*136
N3 *1565 BOULDER LAKE
N4 *TULSA*OK*54321*US
CUR *02*CND
SAC *C*D240***740
HL *2*1*O
PRF *501133137968***20030407
HL *3*2*I
LIN *1*BP*B108*VP*V3321*EC*001*****UP*038244145416
SN1 **4*EA*40
SLN *1**I***15.1711
CLD *1*4
HL *4*2*I
LIN *2*BP*B109*VP*V3322*EC*001*****UP*038244145417
SN1 **2*EA*20
SLN *1**I***7.2216
CLD *1*2
CTT *4*6
SE *33*750000001
GE *1*49999

824 Application Advice

Mark IV Automotive will return an 824 Application Advice if there are errors on the ASN. The supplier is expected to fix and resend ASN errors that are critical (ie. cause our system to not process the ASN). An Application Advice will also be return if no errors are found.

824 – Application Advice Segment Definitions

Segment ID	Segment Name	Description of Segment / Notes on Use
ISA	Interchange Control Header	Identifies sender, receiver and other key transmission data
GS	Functional Group Header	Identifies specific applications of the sender and receiver
ST	Transaction Set Header	Indicates start of transaction set
BGN	Beginning segment for application advice	
N1	Name	To identify a party by name and code
N1	Name	To identify a party by name and code
OTI	Original Transaction Identification	To identify the transaction set, level, and to indicate the accepted or rejected edit result.
REF	Reference Identification	To specify identifying information
TED	Technical Error Description	To identify the error and the erroneous segment or data element.
CTT	Transaction Totals	To transmit a hash total for a specific element in the transaction set
GE	Functional Group Trailer	Designates the end of a functional Group
IEA	Interchange control trailer	Designates the end of one or more functional groups in a transmission

824 – Application Advice Required Segments / Elements

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	REQUIRED?
BGN	BGN01	Purpose Code	00-Original	Mandatory
	BGN02	Reference Identification	Unique assigned number	Mandatory
	BGN03	Date	Document Creation Date. Expressed as CCYYMMDD	Mandatory
	BGN04	Time	Document Creation Time Expressed as HHMM	Mandatory
	BGN07	Transaction Type Code	Code specifying the type of transaction. Used on an individual basis with some suppliers	Optional
N1	N101	Qualifier	SU–Supplier	Mandatory
	N102	Name (Supplier)	Free form name	Mandatory
	N103	Qualifier	92	Mandatory
	N104	Location Code	Vendor Code assigned to supplier	Mandatory
N1	N101	Qualifier	ST–Ship To	Mandatory
	N102	Name	Free form name	Mandatory
	N103	Qualifier	92	Mandatory
	N104	Location Code	Ship-to Code assigned to Plant	Mandatory
OTI	OTI01	Application Acknowledgment Code	TA – Trans. Set Accept TR – Trans. Set Reject IA – Item Accept IR – Item Reject IE – Item Accept with Error	Mandatory
	OTI02	Reference ID Qualifier	Code qual. Reference SI – Shipment Id.	Mandatory
	OTI03	Reference Identification	Value of BSN02 from 856	Mandatory
	OTI10	Transaction Set Identifier Code	856	Mandatory

SEGMENT	ELEMENT	DESCRIPTION	VALUE(S)	REQUIRED?
REF	REF01	Reference ID Qualifier	Any code appropriate to the transaction set for which the response is being sent. PK – Packing List Number BP – Buyer Part# MA – Manifest Number Etc.	Mandatory
	REF02	Reference Identification		Mandatory
TED	TED01	Application Error Condition Code	“ZZZ” Indicates proprietary error identifiers in TED02	Mandatory
	TED02	Free Form Message	Proprietary error code, followed by Free-form Text	Mandatory
	TED03	Segment ID Code	Code defining the segment ID of the data segment in error.	Mandatory
	TED07	Copy of Bad Data Element	This is a copy of the data element in error	Optional

824 – ERROR CODE LISTING – TED02**Errors at the Header / Summary Level:**

<u>Code</u>	<u>Sev.</u>	<u>Seg.</u>	<u>Error Message Description</u>
200	F	BSN01	INVALID PURPOSE CODE
210	F	BSN02	INVALID SID NUMBER
215	F	DTM02	INVALID SHIPPING DATE
220	W	MEA03	GROSS WEIGHT IS ZERO
225	W	TD102	LADING QUANTITY (NUMBER OF PACKS) IS ZERO
230	W	TD503	INVALID SCAC CODE
235	W	TD303	INVALID EQUIPMENT NUMBER (TRAILER NUMBER)
240	F	REF01	INVALID REFERENCE QUALIFIER
250	F	REF02	MISSING PACKING SLIP NUMBER
255	F	N101	INVALID NAME IDENTIFICATION QUALIFIER
260	F	N104	INVALID SUPPLIER CODE
265	F	N104	INVALID SHIPTO CODE

Errors at the Detail Level

<u>Code</u>	<u>Sev.</u>	<u>Seg.</u>	<u>Error Message Description</u>
305	F	LIN03	INVALID PART NUMBER / MANIFEST NUMBER COMBIN
310	F	LIN03	PART NUMBER CAN NOT BE BLANK
311	F	LIN03	PART NUMBER DOES NOT MATCH P.O. LINE ON PURC
315	W	LIN05	INVALID ENGINEERING CHANGE LEVEL
320	F	LIN01	P.O. LINE NUMBER ON ASN NOT IN PURCHASING SY
326	F	PRF01	P.O. NUMBER ON ASN NOT FOUND IN PURCHASING S
327	F	PRF01	P.O. NUMBER CAN NOT BE BLANK
328	F	PRF01	P.O. NUMBER INCOMPLETE
329	F	LIN01	P.O. LINE NUMBER INCOMPLETE OR MISSING
331	W	SN101	QUANTITY SHIPPED DOES NOT MATCH QTY ON P.O.
335	F	SN102	QUANTITY CANNOT BE ZERO
336	F	CLD02	QUANTITY CANNOT BE ZERO
340	W	SN103	INVALID UNIT OF MEASURE
345	W	SN104	CUMULATIVE YTD SHIPPED CANNOT BE ZERO
360	W	CLD01	NUMBER OF CONTAINERS CANNOT BE ZERO
365	W	SLN20	UNIT PRICE CANNOT BE ZERO
370	F	LIN01	DUPLICATE SID#/PO#/PO LINE#

Severity:

F = Fatal Error, Rejected

W = Warning, Accepted

EXAMPLE 824 Application Advice, ANSI X-12 4010 Version**Example #1- Accepted**

GS *AA*150148617*123456789*20050114*0945*69998*X*004010
 ST *824*000080000
 BGN *00*000000001*20050114*0945
 N1 *ST*MARK IV AUTOMOTIVE*92*136
 N1 *SF*ABC CORP.*92*179501
 OTI *IA*SI*00131349*****856
 REF *PN*B108
 REF *PK*13762602-02273368
 TED *000*ACCEPTED.
 OTI *IA*SI*00131349*****856
 REF *PN*B109
 REF *PK*13762602-02273368
 TED *000*ACCEPTED.
 OTI *IA*SI*00131349*****856
 REF *PN*A98
 REF *PK*13762602-02273368
 SE *16*000080000
 GE *1*69998

Example #2 - Rejected

GS *AA*150148617*123456789*20050114*0945*69999*X*004010
 ST *824*000080001
 BGN *00*000000002*20050114*0945
 N1 *ST*MARK IV AUTOMOTIVE*92*136
 N1 *SF*ABC CORP.*92*179501
 OTI *IA*SI*00131350*****856
 REF *BP*B108
 REF *PK*13762602-02273369
 TED *000*ACCEPTED.
 OTI *IA*SI*00131350*****856
 REF *PN*B109
 REF *PK*13762602-02273369
 TED *000*ACCEPTED.
 OTI *IR*SI*00131350*****856
 REF *PN*A98
 REF *PK*13762602-02273369
 TED *ZZZ*311PART NUMBER DOES NOT MATCH PO LINE ON PO*LIN***9
 TED *ZZZ*326PO NUMBER ON ASN NOT FOUND IN P.O. SYSTEM*PRF*5
 SE *18*000080001
 GE *1*69999