

**G E N E R A L M O T O R S**

**EDIFACT IMPLEMENTATION GUIDELINES  
FOR  
DELJIT MESSAGE**

**DELIVERY JUST IN TIME MESSAGE**

**D.97A**

**Version 2.0**

**General Motors (MGO) Assembly and Component Plants  
Direct Material**

# EDIFACT IMPLEMENTATION GUIDELINES

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# EDIFACT IMPLEMENTATION GUIDELINES

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## INTRODUCTION:

This document provides the specific description of a subset of the EDIFACT DELJIT D97.A message used between CCA Mexico and its Trading Partners. This guideline is specifically designed to outline the requirements for the Shipping Schedule used by General Motors Assembly and Component Plants.

## DEFINITION AND DESCRIPTION:

This document provides the definition of a Shipping Schedule Message, based on the EDIFACT DELJIT D97.A, to be used in Electronic Data Interchange (EDI) between General Motors Assembly and Component Plants and its Trading Partners.

This documentation is fully comprehensive and allows the implementation of the EDIFACT DELJIT without the necessity for any additional standard related documentation.

## FUNCTIONAL DEFINITION:

The Shipping Schedule message is a message from GM to a GM Supplier giving details on specific quantities to be delivered to specific delivery points on specific dates and times.

The Shipping Schedule message is intended to:

- Specify requirements based on the delivery conditions.
- Define the aspects that guarantee synchronization between GM and the supplier.
- Provides the ability for a customer to convey precise delivery sequence, Just in Time schedule requirements to a supplier, and Supplement the Delivery Schedule Message (DELFOR).

## REFERENCES:

This document provides the specific description of the EDIFACT DELJIT message and has been developed based on version D97A of the EDIFACT Standard.

## RESPONSIBILITY:

This document was developed and is maintained by the General Motors Global EDI Group. It is distributed internally to all General Motors EDI Coordinators and Partners.

## MAINTENANCE:

The General Motors Global EDI Group will review changes to this document, as needed. The change process can only be initiated by individuals/organizations within the General Motors Corporation. Changes to this guideline will be considered on an annual basis, to ensure that there is a consistent interpretation of the message.

# HOW TO READ THIS DOCUMENTATION:

All segments in the subset used by General Motors are described in the following pages. The segment description is to be read as follows:

1	<b>Segment:</b>	<b>BGM</b>	<b>Beginning of Message</b>		
2	<b>Position:</b>	0020			
3	<b>Group:</b>	0			
3	<b>Level:</b>	0			
3	<b>Usage:</b>	Mandatory			
3	<b>Max Use:</b>	1			
4	<b>Purpose:</b>	A segment indicating the beginning of a message and identifying the consignment for which status is being reported.			
5	<b>Notes:</b>	<i>Example:</i> <b>BGM+23+75161576600+9'</b>			
6 <b>Data Element Summary</b>					
	<b>Data Element</b>	<b>Component Element</b>	<b>Name</b>	<b>Attributes</b>	8
M	C002		<b>DOCUMENT/MESSAGE NAME</b>	M 1	
			Identification of a type of document/message by code or name. Code preferred.		
M		1001	<b>Document name code</b>	M an..3	
			Code specifying the document name.		
			23 Status information		
		1000	<b>Document name</b>	C an..35	
			Free form description of the document.		
M	C106		<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	M 1	
			Identification of a document/message by its number and eventually its version or revision.		
			<b>External Notes:</b>		
			<i>Sender internal message reference number</i>		
>>		1004	<b>Document/message number</b>	O an..35	9
M			Reference number assigned to the document/message by the issuer.		
			<b>External Notes:</b>		
			<i>May be the same as UNH.10, or any internal number.</i>		
M	1225		<b>MESSAGE FUNCTION CODE</b>	M 1 an..3	
			Code indicating the function of the message.		
			9 Original		

## Legend

- 1 Segment position in the message structure, segment tag and segment name
- 2 Identification of the segment group and position within the message
- 3 Status of the segment, as defined by EDIFACT and GM
- 4 Description of the function of the segment, as defined by EDIFACT and GM
- 5 Example of segment as it may appear in an interchange.
- 6 The Data Element Summary identifies the data elements and details within the segment.
  - 7 Data element tag – data elements with a ‘C’ denote a Composite Data Element
  - 8 The Attributes column contain field requirement status, repeat count, data type, and field length
  - 9 Highlighted lines contain remarks specific to General Motors’ use of the Data Element

# MESSAGE STRUCTURE:

The message structure below illustrates how the segments may be used in the DELJIT message to accommodate the requirements identified by General Motors:

—	<u>UNH</u> Message header	x1 (M)
—	<u>BGM</u> Beginning of message	x1 (M)
—	<u>DTM</u> Date/time/period	x10 (M)
—	<b>Segment Group 1</b>	x10 (C)
— —	<u>RFF</u> Reference	x1 (M)
—	<b>Segment Group 2</b>	x20 (C)
— —	<u>NAD</u> Name and address	x1 (M)
—	<b>Segment Group 4</b>	x9999 (M)
— —	<u>SEQ</u> Sequence details	x1 (M)
— —	<b>Segment Group 5</b>	x5 (C)
— — —	<u>PAC</u> Package	x1 (M)
— — —	<b>Segment Group 6</b>	x999 (C)
— — —	<u>PCI</u> Package identification	x1 (M)
— —	<b>Segment Group 7</b>	x9999 (C)
— — —	<u>LIN</u> Line item	x1 (M)
— — —	<u>PIA</u> Additional product id	x10 (C)
— — —	<b>Segment Group 9</b>	x5 (C)
— — — —	<u>LOC</u> Place/location identification	x1 (M)
— — — —	<b>Segment Group 10</b>	x5 (C)
— — — —	<u>CTA</u> Contact information	x1 (M)
— — — —	<u>COM</u> Communication contact	x5 (C)
— — —	<b>Segment Group 11</b>	x100 (C)
— — — —	<u>QTY</u> Quantity	x1 (M)
— — — —	<u>DTM</u> Date/time/period	x2 (C)
— — — —	<b>Segment Group 12</b>	x5 (C)
— — — — —	<u>RFF</u> Reference	x1 (M)
— — — — —	<u>DTM</u> Date/time/period	x1 (C)
—	<u>UNT</u> Message trailer	x1 (M)

# DELJIT Delivery Just in Time Message

## Introduction:

A message provides the ability for a customer to convey precise delivery sequence and Just In Time schedule requirements to a supplier, and is intended to supplement the Delivery Schedule Message (DELFOR).

## Heading Section:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
7	0005	UNB	Interchange Header	M	1		
8	0010	UNH	Message Header	M	1		
9	0020	BGM	Beginning of Message	M	1		
10	0030	DTM	Date/Time/Period	M	10		
11	0040	FTX	Free Text	C	5		
	0050		Segment Group 1: RFF	C		10	
13	0060	RFF	Reference	M	1		
	0080		Segment Group 2: NAD	C		20	
15	0090	NAD	Name and Address	M	1		

## Detail Section:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	0150		Segment Group 4: SEQ-SG5-SG7	M		9999	
17	0160	SEQ	Sequence Details	M	1		
	0200		Segment Group 5: PAC-SG6	C		5	
19	0210	PAC	Package	M	1		
	0220		Segment Group 6: PCI	C		999	
21	0230	PCI	Package Identification	M	1		
	0250		Segment Group 7: LIN-PIA-SG9-SG11	C		9999	
23	0260	LIN	Line Item	M	1		
24	0270	PIA	Additional Product Id	C	10		
	0380		Segment Group 9: LOC-SG10	C		5	
26	0390	LOC	Place/Location Identification	M	1		
	0400		Segment Group 10: CTA-COM	C		5	
28	0410	CTA	Contact Information	M	1		
29	0420	COM	Communication Contact	C	5		
	0430		Segment Group 11: QTY-DTM	C		100	
31	0440	QTY	Quantity	M	1		
32	0460	DTM	Date/Time/Period	C	2		
33	0500	UNT	Message Trailer	M	1		
34	0510	UNZ	Interchange Trailer	M	1		

**Segment:** UNB Interchange Header  
**Position:** 0005  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To start, identify and specify an interchange  
**Notes:**

*Example:*

*UNB+UNOA:2+MZ7:ZZ+RECID:ZZ+240604:0532+11338++GMDELJIT'*

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
S001		<b>SYNTAX IDENTIFIER</b>	<b>M</b>
		Identification of the agency controlling the syntax and indication of syntax level.	
	0001	<b>Syntax identifier</b>	<b>M a4</b>
		Coded identification of the agency controlling a syntax and syntax level used in an interchange.	
		UNOA UN/ECE level A	
	0002	<b>Syntax version number</b>	<b>M n1</b>
		Version number of the syntax identified in the syntax identifier (0001).	
		2 Version 2	
S002		<b>INTERCHANGE SENDER</b>	<b>M</b>
		Identification of the sender of the interchange.	
	0004	<b>Sender identification</b>	<b>M an..35</b>
		Name or coded representation of the sender of a data interchange.	
S003		<b>INTERCHANGE RECIPIENT</b>	<b>M</b>
		Identification of the recipient of the interchange.	
	0010	<b>Recipient identification</b>	<b>M an..35</b>
		Name or coded representation of the recipient of a data interchange.	
S004		<b>DATE AND TIME OF PREPARATION</b>	<b>M</b>
		Date and time of preparation of the interchange.	
	0017	<b>Date of preparation</b>	<b>M n6</b>
		Local date when an interchange or a functional group was prepared.	
		<i>YYMMDD Format</i>	
	0019	<b>Time of preparation</b>	<b>M n4</b>
		Local time of day when an interchange or a functional group was prepared.	
		<i>HHMM Format</i>	
0020		<b>INTERCHANGE CONTROL REFERENCE</b>	<b>M an..14</b>
		Unique reference assigned by the sender to an interchange.	
		<i>The ICR number is UNIQUE within an inventory year.</i>	
0026		<b>APPLICATION REFERENCE</b>	<b>C an..14</b>
		Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.	
		<i>GMDELJIT</i>	

**Segment:** UNH Message Header  
**Position:** 0010  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment starting and uniquely identifying a message. The message type code for the Delivery just in time message is DELJIT.  
 Note: Delivery just in time messages conforming to this document must contain the following data in segment UNH, composite S009:  
 Data element 0065 DELJIT 0052 D 0054 97A 0051 UN  
**Notes:** *Example:*  
**UNH+113380001+DELJIT:D:97A:UN+SH'**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req</u>	<u>Des/Repr</u>
0062		<b>MESSAGE REFERENCE NUMBER</b>	M	an..14
		Unique message reference assigned by the sender.		
		<i>Message Control number assigned by the sender to the message.</i>		
S009		<b>MESSAGE IDENTIFIER</b>	M	
		Identification of the type, version etc. of the message being interchanged.		
	0065	<b>Message type identifier</b>	M	an..6
		Code identifying a type of message and assigned by its controlling agency.		
		DELJIT Delivery just in time message		
	0052	<b>Message type version number</b>	M	an..3
		Version number of a message type.		
		D Draft version/UN/EDIFACT Directory		
	0054	<b>Message type release number</b>	M	an..3
		Release number within the current message type version number (0052).		
		97A Release 1997 - A		
	0051	<b>Controlling agency</b>	M	an..2
		Code identifying the agency controlling the specification, maintenance and publication of the message type.		
		UN UN/ECE/TRADE/WP.4		
0068		<b>COMMON ACCESS REFERENCE</b>	C	an..35
		Reference serving as a key to relate all subsequent transfers of data to the same business case or file.		
		<i>SH = Indication for "Ship Schedule"</i>		
		<i>Shipment Based - Actual ship date/time is calculated by the GM customer. No calculation is required on the part of the receiver.</i>		

**Segment:** **BGM** Beginning of Message  
**Position:** 0020  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for unique identification of the document name and its number.  
**Notes:** *BGM+242:::SH+2415601+4'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
C002		<b>DOCUMENT/MESSAGE NAME</b>	<b>C</b>
		Identification of a type of document/message by code or name. Code preferred.	
	<b>1001</b>	<b>Document/message name, coded</b>	<b>C an..3</b>
		Document/message identifier expressed in code. 242 Delivery just-in-time	
C106	<b>1000</b>	<b>Document/message name</b>	<b>M an..35</b>
		Plain language identifier specifying the function of a document/message. <i>SH = Shipment based</i>	
		<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	<b>M</b>
		Identification of a document/message by its number and eventually its version or revision.	
	<b>1004</b>	<b>Document/message number</b>	<b>M an..35</b>
		Reference number assigned to the document/message by the issuer. <i>GM assigned release number.</i>	
1225		<b>MESSAGE FUNCTION, CODED</b>	<b>C an..3</b>
		Code indicating the function of the message.	
		4 Change 5 Replace	

**Segment:** **DTM** Date/Time/Period  
**Position:** 0030  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 3  
**Purpose:** A segment specifying the date and, when relevant, the time/period for delivery of that sequence, relating to the whole message. The DTM segment must be specified at least once to identify the Delivery Just In Time document date.  
 The date/time/period segment within other Segment group should be used whenever the date/time/period requires to be logically related to another specified data item.

**Notes:** *Example:*  
*DTM+137:20240604:102' Document Generation Date*  
*DTM+158:20240604:102' Horizon Start Date*  
*DTM+159:20240701:102' Horizon End Date*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
C507		<b>DATE/TIME/PERIOD</b>	<b>M</b>
		Date and/or time, or period relevant to the specified date/time/period type.	
	<b>2005</b>	<b>Date/time/period qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a date, time or period.	
		137 Document/message date/time	
		158 Horizon start date	
		159 Horizon end date	
	<b>2380</b>	<b>Date/time/period</b>	<b>M an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.	
	<b>2379</b>	<b>Date/time/period format qualifier</b>	<b>M an..3</b>
	Specification of the representation of a date, a date and time or of a period.		
	102 CCYYMMDD		

**Segment:** **FTX** Free Text  
**Position:** 0040  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** Segment giving additional information relevant to the entire message.

**Notes:** *Example:*  
**FTX+AAI+++TEXT'**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
4451		<b>TEXT SUBJECT QUALIFIER</b> Code specifying subject of a free text. Refer to D.97A Data Element Dictionary for acceptable code values.	<b>M an..3</b>
C108		<b>TEXT LITERAL</b> Free text; one to five lines.	<b>C</b>
	4440	<b>Free text</b> Free text field available to the message sender for information.	<b>M an..70</b>

**Group:** **RFF** Segment Group 1: Reference  
**Position:** 0050  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A group of segments giving references only relevant to the specified party rather than the whole message, e.g. contract number.

**Segment Summary**

<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
0060	RFF	Reference	M	1	

**Segment:** **RFF** Reference  
**Position:** 0060 (Trigger Segment)  
**Group:** Segment Group 1 (Reference)      Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for referencing documents to the whole message, e.g. contract, import/export license.  
**Notes:** *Example:*  
**RFF+AAN:24'**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
C506		<b>REFERENCE</b>	<b>M</b>
		Identification of a reference.	
	<b>1153</b>	<b>Reference qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a reference segment or a reference number.	
	AAN	Delivery schedule number	
	<b>1154</b>	<b>Reference number</b>	<b>C an..35</b>
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	
		<i>This number corresponds to the release number in the DELFOR message (BGM-1004).</i>	

**Group:** **NAD** Segment Group 2: Name and Address  
**Position:** 0080  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 20  
**Purpose:** A group of segments identifying names and addresses and their functions relevant for the whole Delivery Just In Time Message.

**Segment Summary**

<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
0090	NAD	Name and Address	M	1	

**Segment:** **NAD** Name and Address  
**Position:** 0090 (Trigger Segment)  
**Group:** Segment Group 2 (Name and Address) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for identifying names and addresses and their functions relevant for the whole Delivery Just In Time Message. Identification of the seller and buyer parties is recommended for the Delivery Just In Time. They are to be given in the NAD segment. It is recommended that where possible only the coded form of the party ID should be specified. e.g. The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.

**Notes:** *Example:*  
**NAD+SU+123456789::16++ABC TOOL CO'**  
**NAD+ST+18017::92++GM PERFORMANCE BUILD CENTER'**  
**NAD+MI+88120::92'**  
**NAD+OB+88835::92'**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
3035	<b>PARTY QUALIFIER</b>		<b>M an..3</b>
	Code giving specific meaning to a party.		
	MI	Planning schedule/material release issuer	
	OB	Ordered by	
	ST	Ship to	
C082	<b>PARTY IDENTIFICATION DETAILS</b>		<b>C</b>
	Identification of a transaction party by code.		
	3039	<b>Party id. identification</b>	<b>M an..35</b>
	Code identifying a party involved in a transaction.		
	3055	<b>Code list responsible agency, coded</b>	<b>M an..3</b>
Code identifying the agency responsible for a code list.			
16 DUNS (Dun & Bradstreet)			
92 Assigned by buyer or buyer's agent			
C080	<b>PARTY NAME</b>		<b>C</b>
	Identification of a transaction party by name, one to five lines. Party name may be formatted.		
3036	<b>Party name</b>	<b>M an..35</b>	
Name of a party involved in a transaction.			

**Group:** **SEQ** Segment Group 4: Sequence Details  
**Position:** 0150  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 9999  
**Purpose:** A group of segments providing details related to the delivery sequence. All other segments in this Segment Group 4 following the SEQ segment refer to that sequence.

**Segment Summary**

<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
0160	SEQ	Sequence Details	M	1	
0200		Segment Group 5: Package	C		5
0250		Segment Group 7: Line Item	C		9999

**Segment:** **SEQ** Sequence Details  
**Position:** 0160 (Trigger Segment)  
**Group:** Segment Group 4 (Sequence Details) Mandatory  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment providing specific details related to the delivery sequence requested by the buyer or recipient of the product.  
**Notes:** *Example:*  
**SEQ+6'**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
1245		STATUS INDICATOR, CODED	C an..3
	6	Agreement	

**Group:** **PAC** Segment Group 5: Package  
**Position:** 0200  
**Group:** Segment Group 4 (Sequence Details) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** Segment group to support KANBAN operation where customers must notify a supplier packaging labels and conditions.

**Segment Summary**

<b>Pos.</b>	<b>Seg.</b>	<b>Name</b>	<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
0210	PAC	Package	M	1	
0220		Segment Group 6: Package Identification	C		999

**Segment:** **PAC** Package  
**Position:** 0210 (Trigger Segment)  
**Group:** Segment Group 5 (Package)      Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To describe the number and type of packages/physical units.

**Notes:** *Example:*  
 PAC++:67'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req</u>	<u>Des/Repr</u>
C531		<b>PACKAGING DETAILS</b>		C
		Packaging level and details, terms and conditions.		
	7233	<b>Packaging related information, coded</b>	C	an..3
		Code giving packaging, handling and marking related information.		
		67                      Tagging/bar code instructions		

**Group:** **PCI** Segment Group 6: Package Identification  
**Position:** 0220  
**Group:** Segment Group 5 (Package) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** A segment group giving packaging identification and good identity number related to the segment PAC.

**Segment Summary**

<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
0230	PCI	Package Identification	M	1	

**Segment:** **PCI** Package Identification  
**Position:** 0230 (Trigger Segment)  
**Group:** Segment Group 6 (Package Identification)      Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify markings and labels on individual packages or physical units.  
**Notes:**

**Example:**  
*PCI++W23A006++11Z::167'*  
*PCI++B1 APBC++12Z::167'*  
*PCI++13L30070++13Z::167'*  
*PCI++EMPTY?: STOCKMAN?:++14Z::167'*  
*PCI++ L3S++15Z::167'*  
*PCI+++16Z::167'*  
*PCI++PUMP ASM-WAT T1++17Z::167'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
C210		<b>MARKS &amp; LABELS</b>	<b>M</b>
		Shipping marks on packages in free text; one to ten lines.	
	7102	<b>Shipping marks</b>	<b>M an..35</b>
		Marks and numbers identifying individual packages. <i>Shipping marks as instructed by GM.</i>	
C827		<b>TYPE OF MARKING</b>	<b>C</b>
		Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).	
	7511	<b>Type of marking, coded</b>	<b>M an..3</b>
		To specify the type of marking that reflects the method and the conventions adhered to for marking. <i>GM will use codes 11Z through 17Z to indicate relative position on the label:</i>	
		<i>11Z = PRIME DELIVERY LOCATION (i.e. DLOC)</i> <i>12Z = PLANT CODE + DOCK LOCATION CODE</i> <i>13Z = PRIME USING LOCATION (ULOC)</i> <i>14Z = "EMPTY: STOCKMAN:"</i> <i>15Z = EMPTY CONT LOC + STOCK KPR CODE</i> <i>16Z = spaces</i> <i>17Z = PART NAME/DESCRIPTION</i>	
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>
		Code identifying the agency responsible for a code list.	
		167                      US, AIAG (Automotive Industry Action Group)	

**Group:** **LIN** Segment Group 7: Line Item  
**Position:** 0250  
**Group:** Segment Group 4 (Sequence Details) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9999  
**Purpose:** A group of segments providing details of the individual line items to be delivered.

<b>Segment Summary</b>					
<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
0260	LIN	Line Item	M	1	
0270	PIA	Additional Product Id	C	10	
0380		Segment Group 9: Place/Location Identification	C		5
0430		Segment Group 11: Quantity	C		100

**Segment:** **LIN** Line Item  
**Position:** 0260 (Trigger Segment)  
**Group:** Segment Group 7 (Line Item)      Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the details of the product/service being delivered e.g. product identification. All other segments in the detail section following the LIN segment refer to the line item.  
**Notes:** *Example:*  
**LIN+++12345678:IN**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req</u>	<u>Des/Repr</u>
C212		<b>ITEM NUMBER IDENTIFICATION</b>		<b>M</b>
		Goods identification for a specified source.		
	<b>7140</b>	<b>Item number</b>	<b>M</b>	<b>an..35</b>
		A number allocated to a group or item. <i>GM assigned 8-digit part number.</i>		
	<b>7143</b>	<b>Item number type, coded</b>	<b>M</b>	<b>an..3</b>
		Identification of the type of item number. IN                      Buyer's item number		

**Segment:** **PIA** Additional Product Id  
**Position:** 0270  
**Group:** Segment Group 7 (Line Item) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A segment providing additional product identification.  
**Notes:** *Depending on the circumstances, there may be two iterations of C212 in PIA. Ship Direct DELJITS may contain the record keeping year and the 'ship direct' part number.*  
*Example:*  
**PIA+I+4:RY**  
**PIA+I+84240687:UA+2024:RY (Ship Direct)**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
4347		<b>PRODUCT ID. FUNCTION QUALIFIER</b> Indication of the function of the product code. 1 Additional identification	M an..3
C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	M
	7140	<b>Item number</b> A number allocated to a group or item. <i>Identification of the model year: e.g. 4 = 2024; 5 = 2025, etc.</i>	C an..35
	7143	<b>Item number type, coded</b> Identification of the type of item number. RY Record keeping of model year	C an..3
C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	C
	7140	<b>Item number</b> A number allocated to a group or item. <i>If used entry is 'ship direct' part number.</i>	C an..35
	7143	<b>Item number type, coded</b> Identification of the type of item number. UA Ultimate customer's article number	C an..3

**Group:** **LOC** **Segment Group 9: Place/Location Identification**  
**Position:** 0380  
**Group:** Segment Group 7 (Line Item)      Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** A group of segments providing delivery location information and where relevant contacts.

**Segment Summary**

<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
0390	LOC	Place/Location Identification	M	1	
0400		Segment Group 10: Contact Information	C		5

**Segment:** **LOC** Place/Location Identification  
**Position:** 0390 (Trigger Segment)  
**Group:** Segment Group 9 (Place/Location Identification) Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment indicating more details regarding specific locations related to the line item.

**Notes:** *Example:*  
 LOC+11+APBC  
 LOC+159+W23A006

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
3227		<b>PLACE/LOCATION QUALIFIER</b>	<b>M an..3</b>
		Code identifying the function of a location.	
	11	Place/port of discharge <i>Code identifying the receiving dock at the plant.</i>	
	159	Additional internal destination <i>Code identifying the assembly line feed location at the plant or the material handling code.</i>	
C517		<b>LOCATION IDENTIFICATION</b>	<b>C</b>
		Identification of a location by code or name.	
	3225	<b>Place/location identification</b>	<b>C an..25</b>
		Identification of the name of place/location, other than 3164 City name.	

**Group:** **CTA** Segment Group 10: Contact Information  
**Position:** 0400  
**Group:** Segment Group 9 (Place/Location Identification) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** A group of segments to identify person, function, department and appropriate numbers to whom communication should be directed.

**Segment Summary**

<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
0410	CTA	Contact Information	M	1	
0420	COM	Communication Contact	C	5	



**Segment:** **COM** Communication Contact  
**Position:** 0420  
**Group:** Segment Group 10 (Contact Information) Conditional (Optional)  
**Level:** 5  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** Identify communication types and numbers for person, function, department identified in CTA.

**Notes:** *Example:*  
 COM+4961426690509:FX'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
C076		COMMUNICATION CONTACT	M
		Communication number of a department or employee in a specified channel.	
	3148	<b>Communication number</b> The communication number. <i>Communication number for the communication means identified in 3155 and to be used in connection with the Information contact identified in the CTA.</i>	M an..512
	3155	<b>Communication channel qualifier</b> Code identifying the type of communication channel being used. <i>Identification of the communication means. For code value see below.</i>	M an..3
		EM Electronic mail	
		FX Telefax	
		TE Telephone	

**Group:** **QTY** Segment Group 11: Quantity  
**Position:** 0430  
**Group:** Segment Group 7 (Line Item) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 100  
**Purpose:** A group of segments specifying quantity related information for actual delivery.

<b>Segment Summary</b>					
<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
0440	QTY	Quantity	M	1	
0460	DTM	Date/Time/Period	C	2	

**Segment:** QTY Quantity  
**Position:** 0440 (Trigger Segment)  
**Group:** Segment Group 11 (Quantity) Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify pertinent quantities relating to the line item.

**Notes:** *Example:*  
 QTY+1:24:C62'  
 QTY+79:1608:C62'  
 QTY+3:1608:C62'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
C186		<b>QUANTITY DETAILS</b>	<b>M</b>
		Quantity information in a transaction, qualified when relevant.	
	<b>6063</b>	<b>Quantity qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a quantity.	
		1 Discrete quantity	
		<i>Actual quantity to be shipped of the product identified in the preceding LIN.</i>	
		3 Cumulative quantity	
		<i>Cumulative quantity shipped since start of inventory year by this supplier to this plant.</i>	
		79 Previous cumulative quantity	
		<i>Cumulative quantity scheduled since start of inventory year.</i>	
	<b>6060</b>	<b>Quantity</b>	<b>M n..15</b>
	Numeric value of a quantity.		
	<b>6411</b>	<b>Measure unit qualifier</b>	<b>C an..3</b>
	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.		
	<i>e.g. piece = C62, each = EA</i>		

**Segment:** **DTM** Date/Time/Period  
**Position:** 0460  
**Group:** Segment Group 11 (Quantity) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment indicating the date/time/period details relating to the quantity and schedule details in the line item.

**Notes:** *Example:*  
 DTM+10:202406200915:203'  
 DTM+51:20231224:102'  
 DTM+52:20240603:102'

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
C507		<b>DATE/TIME/PERIOD</b>	<b>M</b>
		Date and/or time, or period relevant to the specified date/time/period type.	
	<b>2005</b>	<b>Date/time/period qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a date, time or period.	
		10 Shipment date/time, requested	
		11 Despatch date and or time	
		<i>Date of the last ASN received for this part. In case there is no ASN the Receiving System's date will be inserted.</i>	
		51 Cumulative quantity start date	
		52 Cumulative quantity end date	
	<b>2380</b>	<b>Date/time/period</b>	<b>M an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.	
	<b>2379</b>	<b>Date/time/period format qualifier</b>	<b>M an..3</b>
		Specification of the representation of a date, a date and time or of a period.	
		102 CCYYMMDD	
		203 CCYYMMDDHHMM	

**Segment:** **UNT** Message Trailer  
**Position:** 0500  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.  
**Notes:** *Example:*  
**UNT+35+113380001'**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
0074		NUMBER OF SEGMENTS IN A MESSAGE	M n..6
		Control count of number of segments in a message.	
		<i>Control count of the number of segments in the message, including UNH and UNT.</i>	
0062		MESSAGE REFERENCE NUMBER	M an..14
		Unique message reference assigned by the sender.	
		<i>Number must be identical to UNH.</i>	

**Segment:** UNZ Interchange Trailer  
**Position:** 0510  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To end and check the completeness of an interchange.  
**Notes:** *Example:*  
 UNZ+I+11338'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Req Des/Repr</u>
0036		INTERCHANGE CONTROL COUNT	M n..6
		Count either of the number of messages or, if used, of the number of functional groups in an interchange. <i>Number of messages in an interchange.</i>	
0020		INTERCHANGE CONTROL REFERENCE	M an..14
		Unique reference assigned by the sender to an interchange. <i>Value must be the same as 0020 - Interchange Control Reference in UNB.</i>	

## DELJIT MESSAGE EXAMPLE:

The following example is to illustrate only and does not necessarily reflect an existing solution. It may never be used as a basis for programming or implementing this message.

### DELJIT Sample:

UNB+UNOA:2+MZ7:ZZ+RECID:ZZ+240604:0532+11338++GMDELJIT'	Interchange Header
UNH+113380001+DELJIT:D:97A:UN+SH'	Message Header
BGM+242:::SH+2415601+4'	Beginning of Message (SID Number)
DTM+137:20240604:102'	Document Date/Time
DTM+158:20240604:102'	Horizon Start Date
DTM+159:20240701:102'	Horizon End Date
FTX+AAI+++TEXT'	Free Text
RFF+AAN:24'	Delivery Schedule Number
NAD+SU+005375217::16++MELLING TOOL CO'	Supplier
NAD+ST+18017::92++GM PERFORMANCE BUILD CENTER'	Ship To
NAD+MI+88120::92'	Material Issuer
SEQ+6'	Sequence Details
PAC++:67'	Package
PCI++W23A006++11Z::167'	Package Identification
PCI++B1 APBC++12Z::167'	Package Identification
PCI++13L30070++13Z::167'	Package Identification
PCI++EMPTY?: STOCKMAN?:++14Z::167'	Package Identification
PCI++ L3S++15Z::167'	Package Identification
PCI+++16Z::167'	Package Identification
PCI++PUMP ASM-WAT T1++17Z::167'	Package Identification
LIN+++12345678:IN'	Part Number
LOC+11+APBC'	Receiving Dock
LOC+159+W23A006'	Line feed location/Material handling code
QTY+1:24:C62'	Discreate Quantity
DTM+10:202406200915:203'	Scheduling Conditions
QTY+79:1608:C62'	Cumulative Quantity
DTM+51:20231224:102'	Start Date of Cumulative Quantity
DTM+52:20240603:102'	End Date of Cumulative Quantity
QTY+3:1608:C62'	Cumulative Quantity Shipped
DTM+51:20231224:102'	Start Date of Cumulative Quantity
DTM+11:20240513:102'	Despatch Date
UNT+35+113380001'	Segment Count
UNZ+1+11338'	Message Count

# DELJIT GUIDELINE CHANGE LOG:

Date	Document Version	Segments Impacted	Detail of Change
6/26/24	2.0		Version 2.0 published