GENERAL MOTORS

EDIFACT IMPLEMENTATION GUIDELINES

FOR

DESADV MESSAGE

DELIVERY DESPATCH ADVICE MESSAGE

D.97A

Version 4.6

General Motors (MGO) Assembly and Component Plants

Direct Material

DESADV Despatch Advice Message

GM Statement:

The GM GMAP DESADV implementation guideline has been updated to include shipment hierarchy, barcode serial numbers on accompanying labels, and more detailed information about the contents of each container. GM relies on this information to automate receipt of materials at their facilities and to track inbound shipments effectively.

Supplier compliance with DESADV standards is crucial for GM's supply chain operations. GM is dedicated to equipping suppliers with the necessary training, tools, and support for their success. Alongside this electronic data interchange (EDI) guideline, supplementary documentation offers clear illustrations and examples for proper DESADV construction. Additionally, suppliers have access to DESADV training materials, monitoring tools, and support from the GM EDI helpdesk.

Supplier Responsibilities:

GM suppliers must ensure compliance for DESADV transmission with every shipment. Non-compliance is detrimental to GM operations and expose suppliers to:

1. Expedited freight expense
2. Payment delays or discrepancies
3. Performance or penalty costs
4. Obstacles to future GM business

Suppliers are responsible for adhering to the following:

Testing and Certification

1. Reading and comprehending all GM DESADV technical and training material.
2. Conducting EDI testing and certification to ensure that business processes and applications are prepared to transmit DESADV messages correctly.
3. Completing EDI testing and certification for each ship-from DUNS number on contract with a GM assembly, component, powertrain, or battery facility.
4. Completing EDI testing and certification within four (4) weeks of being contacted by GM or GM representatives to commence with the process.
5. Ensuring that affected supplier personnel understand all business and application processes required to create and transmit an accurate and properly constructed DESADV message prior to the completion of the testing and certification process. This includes the provision of clear work instructions.
6. Provide GM or GM representative with written confirmation that all business and application processes have been established to adhere to GM DESADV requirements.
7. Work with GM or GM representative to move supplier ship-from DUNS into Production to enable transmission of the DESADV message for supplier shipments.

Production

1. Transmitting an accurate and properly constructed DESADV at the time of shipment. The DESADV message must be sent at the time of shipment departure.
2. Monitoring the receipt of DESADV acceptance or failure at the time of shipment.
3. Identifying and understanding reasons for DESADV transmission or processing failures.   This may require suppliers to contact the GM EDI help desk or GM plant for more information.
4. Remediating DESADV message failures. This may include retransmission of the DESADV message.
5. Contacting GM plants or GM representatives immediately to advise of DESADV transmission issues.

DESADV Despatch Advice Message

Introduction:

A message specifying details for goods despatched or ready for despatch under agreed conditions.
The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message.   Throughout this document, the reference to 'Despatch Advice' may be interpreted as conveying the wider meaning of 'Delivery Despatch Advice/Returns Despatch Advice'.

Heading Section:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
5	0005	UNB	Interchange Header	M	1		
7	0010	UNH	Message Header	M	1		
8	0020	BGM	Beginning of Message	M	1		
9	0030	DTM	Date/Time/Period	M	10		
10	0050	MEA	Measurements	M	5		
	0070		Segment Group 1: RFF	M		10	
12	0080	RFF	Reference	M	1		
	0100		Segment Group 2: NAD-LOC	M		10	
14	0110	NAD	Name and Address	M	1		
16	0120	LOC	Place/Location Identification	M	2		
	0230		Segment Group 6: TDT	M		10	
18	0240	TDT	Details of Transport	M	1		
	0290		Segment Group 8: EQD-SEL	M		10	
20	0300	EQD	Equipment Details	M	1		
21	0320	SEL	Seal Number	C	25		

Detail Section:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
	0370		Segment Group 10: CPS-SG11-SG15	M		9999	
23	0380	CPS	Consignment Packing Sequence	M	1		
	0400		Segment Group 11: PAC-MEA-SG13	M		9999	
26	0410	PAC	Package	M	1		
27	0420	MEA	Measurements	C	1		
	0470		Segment Group 13: PCI-DTM-GIR	M		1000	
29	0480	PCI	Package Identification	M	1		
30	0500	DTM	Date/Time/Period	C	5		
31	0510	GIR	Related Identification Numbers	M	1		
	0550		Segment Group 15: LIN-QTY-ALI-GIN-SG16-SG20	C		9999	
33	0560	LIN	Line Item	M	1		
34	0600	QTY	Quantity	M	10		
35	0610	ALI	Additional Information	M	10		
36	0620	GIN	Goods Identity Number	C	100		
	0710		Segment Group 16: RFF	M		99	
38	0720	RFF	Reference	M	1		
	0880		Segment Group 20: PCI-MEA-QTY-SG21	C		9999	
40	0890	PCI	Package Identification	M	1		

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41	0910	MEA	Measurements	C	10		
42	0920	QTY	Quantity	C	1		
	0930		Segment Group 21: GIN	O		10	
44	0940	GIN	Goods Identity Number	M	1		

Summary Section:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
45	1040	UNT	Message Trailer	M	1		
46	1050	UNZ	Interchange Trailer	C	1		

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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+ABC:ZZ+GMGLBACPB:ZZ+250514:1315+00380+GMDESADV'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
S001		**SYNTAX IDENTIFIER**	M	
		Identification of the agency controlling the syntax and indication of syntax level.		
	0001	**Syntax identifier**	M	a4
		Coded identification of the agency controlling a syntax and syntax level used in an interchange.		
		UNOA UN/ECE level A		
	0002	**Syntax version number**	M	n1
		Version number of the syntax identified in the syntax identifier (0001).		
		2 Version 2		
S002		**INTERCHANGE SENDER**	M	
		Identification of the sender of the interchange.		
	0004	**Sender identification**	M	an..35
		Name or coded representation of the sender of a data interchange.		
	0007	**Partner identification code qualifier**	C	an..4
		Qualifier referring to the source of codes for the identifiers of interchanging partners.		
S003		**INTERCHANGE RECIPIENT**	M	
		Identification of the recipient of the interchange.		
	0010	**Recipient identification**	M	an..35
		Name or coded representation of the recipient of a data interchange.		
		For all GM Global Assembly, Component, Powertrain and Battery facilities, suppliers should use the receiver ID of GMGLBACPB.		
		This should be used in response to shipments made from DELFORs or DELJITs issued to suppliers from GM sender ID BFT or MZ7.		
	0007	**Partner identification code qualifier**	C	an..4
		Qualifier referring to the source of codes for the identifiers of interchanging partners.		
S004		**DATE AND TIME OF PREPARATION**	M	
		Date and time of preparation of the interchange.		
	0017	**Date of preparation**	M	n6
		Local date when an interchange or a functional group was prepared.		
	0019	**Time of preparation**	M	n4
		Local time of day when an interchange or a functional group was prepared.		
0020		**INTERCHANGE CONTROL REFERENCE**	M	an..14
		Unique reference assigned by the sender to an interchange.		
		Reference number assigned by the sender of the message. This number must specifically identify each interface and must be UNIQUE within an inventory year.		

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<table>
<tr><td>**0026**</td><td>**APPLICATION REFERENCE**</td><td>**C**</td><td>**an..14**</td></tr>
</table>

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.
GMDESADV

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 Despatch advice message is DESADV.

Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element	0065 DESADV	0052 D	0054 97A	0051 UN

Notes: Example:
UNH+04370+DESADV:D:97A:UN'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
0062		**MESSAGE REFERENCE NUMBER**	M	an..14
		Unique message reference assigned by the sender.		
		Message Control Number assigned by the sender to the message.		
S009		**MESSAGE IDENTIFIER**	M	
		Identification of the type, version etc. of the message being interchanged.		
	0065	**Message type identifier**	M	an..6
		Code identifying a type of message and assigned by its controlling agency.		
		DESADV Despatch advice message		
	0052	**Message type version number**	M	an..3
		Version number of a message type.		
		D Draft version/UN/EDIFACT Directory		
	0054	**Message type release number**	M	an..3
		Release number within the current message type version number (0052).		
		97A Release 1997 - A		
	0051	**Controlling agency**	M	an..2
		Code identifying the agency controlling the specification, maintenance and publication of the message type.		
		UN UN/ECE/TRADE/WP.4		

Segment:	**BGM** Beginning of Message
Position:	0020
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	A segment for unique identification of the Despatch Advice document, by means of its name and its number.
Notes:	Example: BGM+351+13201633+9'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
C002		**DOCUMENT/MESSAGE NAME**	**M**	
		Identification of a type of document/message by code or name. Code preferred.		
	1001	**Document/message name, coded**	**M**	**an..3**
		Document/message identifier expressed in code.		
		351 Despatch advice		
C106		**DOCUMENT/MESSAGE IDENTIFICATION**	**M**	
		Identification of a document/message by its number and eventually its version or revision.		
	1004	**Document/message number**	**M**	**an..9**
		Reference number assigned to the document/message by the issuer.		
		A unique control number, commonly called a Shipment Identification Number (SID), assigned by the original shipper to identify a specific shipment. This unique control number cannot be repeated within a one year period, and must be referenced on both the packing list and the bill of lading as the Shipment Identification Number (SID).		
	1225	**MESSAGE FUNCTION, CODED**	**M**	**an..3**
		Code indicating the function of the message.		

Suppliers must transmit their original DESADV message with a qualifier of 9. If suppliers receive a CONTRL message indicating failure of DESADV processing, they must immediately resubmit a corrected DESADV with the qualifier of 9.

If suppliers need to cancel a previously transmitted DESADV, they must retransmit the entire DESADV with a qualifier of 1.

If suppliers need to cancel and replace the DESADV, they must transmit the entire DESADV with any changes, with a qualifier of 5.

DESADV messages transmitted with a 1 or 5 qualifier will only be accepted prior to receipt of material by a GM location. If material is already receipted, transmission of DESADV with a 1 or 5 qualifier will be rejected.

	1	Cancellation
	5	Replace
	9	Original

Segment:	**DTM** Date/Time/Period	
Position:	0030	
Group:		
Level:	1	
Usage:	Mandatory	
Max Use:	3	
Purpose:	Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.	
Notes:	Two occurrences of the DTM segment are mandatory in the messages exchanged with GM (using qualifiers 137 & 11).	

The use of a DTM segment to indicate arrival time (with qualifier 132) should only be used when supplier is responsible for arrival per the terms of the contract.

Examples:
DTM+137:202507280000:203'   - Mandatory
DTM+11:202508031245:203'   - Mandatory
DTM+132:202508311000:203'   - Optional

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
C507		**DATE/TIME/PERIOD**	M	
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	**Date/time/period qualifier**	M	an..3
		Code giving specific meaning to a date, time or period.		
		11 Despatch date and or time		
		132 Arrival date/time, estimated		
		137 Document/message date/time		
	2380	**Date/time/period**	M	an..35
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	**Date/time/period format qualifier**	M	an..3
		Specification of the representation of a date, a date and time or of a period.		
		203 CCYYMMDDHHMM		

Segment:	**MEA** Measurements	
Position:	0050	
Group:		
Level:	1	
Usage:	Mandatory	
Max Use:	3	
Purpose:	A segment specifying the weight and volume of the consignment.	

Notes: There MUST be three occurrences of MEA in position 0050.

Two occurrences must be used to specify weight of the shipment, both gross and net.

The third occurrence must specify the number of lading units (pallets, skids, lifts, etc.) on the shipment with the qualifier of C62 in data element 6411.

Examples:
MEA+AAX+G+LBR:44'
MEA+AAX+N+LBR:26'
MEA+AAX+SQ+C62:1'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
6311		**MEASUREMENT PURPOSE QUALIFIER**	**M**	**an..3**
		Specification of the purpose of the measurement.		
		AAX Consignment measurement		
C502		**MEASUREMENT DETAILS**	**M**	
		Identification of measurement type.		
	6313	**Property measured, coded**	**M**	**an..3**
		Specification of the property measured.		
		G Gross weight		
		N Actual net weight		
		SQ Shipped quantity		
		Lading unit shipped quantity. See gray notes above.		
C174		**VALUE/RANGE**	**C**	
		Measurement value and relevant minimum and maximum tolerances in that order.		
	6411	**Measure unit qualifier**	**M**	**an..3**
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.		
		When Data Element 6313 is 'SQ', C62 is the recommended value for Data Element 6411, and number of pieces are to be sent in Data Element 6314.		
		LBR = Pounds		
		KGM = Kilograms		
	6314	**Measurement value**	**C**	**an..18**
		Value of the measured unit.		
		When value in 6313 (MEA02) = "G" or "N", use actual weight with no decimal point.		
		When value in 6313 (MEA02) = "SQ", use number of pallets or lading units on the shipment.		

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Group:	**RFF** **Segment Group 1: Reference**	
Position:	0070	
Group:		
Level:	1	
Usage:	Mandatory	
Max Use:	2	
Purpose:	A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.	

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0080	RFF	Reference	M	1	

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Segment:	# RFF Reference	
Position:	0080 (Trigger Segment)	
Group:	Segment Group 1 (Reference)	Mandatory
Level:	1	
Usage:	Mandatory	
Max Use:	2	
Purpose:	A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.	
Notes:	The RFF segment (CN) containing the third-party logistic (3PL) is mandatory.	

The RFF segment (MB) containing the master bill of lading number is mandatory if present and if different than their shipment identification number (SID) located in the BGM02 segment (data element C106; component element 1004).

Examples:
RFF+CN:901234567'
RFF+MB:123456789'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
C506		**REFERENCE**	**M**	
		Identification of a reference.		
	1153	**Reference qualifier**	**M**	**an..3**
		Code giving specific meaning to a reference segment or a reference number.		
		CN — Carrier's reference number		
		CN = 3PL Reference ID		
		MB — Master bill of lading number		
		Suppliers must use this field if their master bill of lading number is different than their shipper number located in the BGM02.		
	1154	**Reference number**	**C**	**an..30**
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
		When the CN Qualifier is used in Component Element 1153, suppliers must obtain the 3PL Reference ID from Supplier Shipment Confirmation Portal (SSCP). The Reference ID will be available minimally one hour prior to shipment time. If a 3PL Reference ID is not available from SSCP, the value 'NA' should be sent.		
		The SSCP application can be found on GM SupplyPower.		

Group:	**NAD** Segment Group 2: Name and Address	
Position:	0100	
Group:		
Level:	1	
Usage:	Mandatory	
Max Use:	10	
Purpose:	A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.	

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0110	NAD	Name and Address	M	1	
0120	LOC	Place/Location Identification	M	2	

Segment:	**NAD** Name and Address
Position:	0110 (Trigger Segment)
Group:	Segment Group 2 (Name and Address) Mandatory
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is 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. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.
Notes:	**Suppliers must transmit the same NAD segments, values, and qualifiers as was transmitted in the applicable DELJIT or DELFOR**.
	GM utilizes the information in these segments to properly route and deliver the DESADV/ASN to the correct assembly or component facility. If the information does not match what is on the schedule, it will fail to process and will result in a SPPS issued to the supplier as well as payment delays.
	Direct Shipment Example: NAD+MI+88835::92' NAD+ST+14001::92' NAD+SU+887622144::16'
	Ship-Direct Example: NAD+MI+631059651::16' NAD+ST+72587::92' NAD+SU+887622144::16' NAD+OB+72515:: 92'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
3035		PARTY QUALIFIER	M	an..3
		Code giving specific meaning to a party.		
		MI Planning schedule/material release issuer		
		Party that releases the schedules to the supplier.		
		OB Ordered by		
		Original Buyer - Party that releases the original schedule which resulted in the schedule transmitted to the supplier. Used for Ship Direct shipments only. **This must be transmitted back on the DESADV / ASN if received on the DELFOR or DELJIT schedule**.		
		ST Ship to		
		Party that will be receiving the material.		
		SU Supplier		
		Party that is shipping the material.		
C082		PARTY IDENTIFICATION DETAILS	M	
		Identification of a transaction party by code.		
	3039	**Party id. identification**	M	an..35
		Code identifying a party involved in a transaction.		
		The following information must be transmitted according to the qualifier sent in Data Element 3035:		

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MI - Supplier must transmit the value that was transmitted on their DELJIT or DELFOR schedule.
ST - Supplier must transmit the value that was transmitted on their DELJIT or DELFOR schedule.
SU - This is the supplier's DUNS number as is transmitted on their DELJIT or DELFOR schedule.
OB - This value represents GM's customer, or Original Buyer.   Supplier must transmit the value that was transmitted on their DELJIT or DELFOR schedule. This value will only be known by the supplier as received in the DELFOR and DELJIT schedule.

| **3055** | **Code list responsible agency, coded** | **C** | **an..3** |

Code identifying the agency responsible for a code list.

Supplier must use the same value that was receiving on their DELJIT schedule.

| 16 | DUNS (Dun & Bradstreet) |
| 92 | Assigned by buyer or buyer's agent |

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Segment:	**LOC** Place/Location Identification
Position:	0120
Group:	Segment Group 2 (Name and Address) Mandatory
Level:	2
Usage:	Mandatory
Max Use:	2
Purpose:	A segment indicating more details regarding specific places/locations related to the party specified in the NAD segment, e.g. internal site/building number.

Notes: **Suppliers must transmit the same LOC segments, values, and qualifiers as was transmitted in the applicable DELJIT or DELFOR.**

Examples:
LOC+11+A01'
LOC+159+FSTCRT5'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
3227		**PLACE/LOCATION QUALIFIER**	M	an..3
		Code identifying the function of a location.		
	11	Place/port of discharge		
	159	Additional internal destination		
C517		**LOCATION IDENTIFICATION**	M	
		Identification of a location by code or name.		
	3225	**Place/location identification**	C	an..8
		Identification of the name of place/location, other than 3164 City name.		
		Code identifying the receiving dock at the plant. Supplier must use the same value that was received on their DELJIT schedule unless advised otherwise by their GM plant contact. Maximum of eight characters.		

Group: **TDT** **Segment Group 6: Details of Transport**

Position:	0230
Group:	
Level:	1
Usage:	Mandatory
Max Use:	10
Purpose:	A group of segments specifying details of the mode and means of transport and date/time of departure and destination relevant to the whole despatch advice.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0240	TDT	Details of Transport	M	1	

Segment:	**TDT** Details of Transport
Position:	0240 (Trigger Segment)
Group:	Segment Group 6 (Details of Transport) Mandatory
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	A segment specifying the carriage, and the mode and means of transport of the goods being despatched.
Notes:	Example: TDT+12++M++PSKL::182'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
8051		**TRANSPORT STAGE QUALIFIER**	M	an..3

Qualifier giving a specific meaning to the transport details.

    12   At departure

Data Element	Component Element	Name	Req	Des/Repr
C220		**MODE OF TRANSPORT**	C	

Method of transport code or name. Code preferred.

Data Element	Component Element	Name	Req	Des/Repr
	8067	**Mode of transport, coded**	C	an..3

Coded method of transport used for the carriage of the goods.

General Codes to be used for GM are listed below. To verify mode of transport, contact the GM Plant directly.

A	Air
AC	Air Charter
B	Barge
C	Consolidation Center
CE	Customer Pickup
D	Parcel Post
E	Expedite
GS	Milk Run
LT	Less than Truckload
M	Motor (full truck)
R	Rail
SS	Steamship
VE	Vessel Ocean

Data Element	Component Element	Name	Req	Des/Repr
C040		**CARRIER**	C	

Identification of a carrier by code and/or by name. Code preferred.

Data Element	Component Element	Name	Req	Des/Repr
	3127	**Carrier identification**	C	an..4

Identification of party undertaking or arranging transport of goods between named points.

Standard Carrier Alpha Code (SCAC) identifying the carrier picking-up materials at supplier. The four (4) character SCAC code is mandatory.

Data Element	Component Element	Name	Req	Des/Repr
	3055	**Code list responsible agency, coded**	C	an..3

Code identifying the agency responsible for a code list.

    182   US, Standard Carrier Alpha Code (Motor)

Group: **EQD** **Segment Group 8: Equipment Details**

Position:	0290
Group:	
Level:	1
Usage:	Mandatory
Max Use:	10
Purpose:	A group of segments providing information relative to the equipment used for the transportation of goods relevant to the whole despatch advice.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0300	EQD	Equipment Details	M	1	
0320	SEL	Seal Number	C	25	

Segment:	**EQD** Equipment Details
Position:	0300 (Trigger Segment)
Group:	Segment Group 8 (Equipment Details) Mandatory
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	A segment to define fixed information regarding equipment used in conjunction with the whole despatch advice, and if required, to indicate responsibility for supply of the equipment.
Notes:	This segment is used to identify the marks on a sea container, railcar, or trailer. Suppliers must NOT include the SCAC code in this value.
	Example:
	EQD+TE+772500276995'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
8053		EQUIPMENT QUALIFIER	M	an..2
		Code identifying type of equipment.		
		CN Container		
		RR Rail car		
		TE Trailer		
C237		**EQUIPMENT IDENTIFICATION**	C	
		Marks (letters and/or numbers) identifying equipment used for transport such as a container.		
	8260	**Equipment identification number**	C	an..12
		Marks (letters and/or numbers) which identify equipment e.g. unit load device.		
		Sea container, railcar, or trailer number. Suppliers must NOT include the SCAC code. Maximum length is 12 characters.		

Segment:	**SEL** Seal Number	
Position:	0320	
Group:	Segment Group 8 (Equipment Details)	Mandatory
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	1	
Purpose:	A segment specifying a seal number connected to a specific equipment named in the EQD.	
Notes:	Container seal number is mandatory if affixed on container by supplier or supplier representative. Example: SEL+123ABC'	

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
9308		SEAL NUMBER	M	an..10
		The number of a custom seal or another seal affixed to the containers or other transport unit.		

Group:	**CPS** **Segment Group 10: Consignment Packing Sequence**
Position:	0370
Group:	
Level:	1
Usage:	Mandatory
Max Use:	9999
Purpose:	A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0380	CPS	Consignment Packing Sequence	M	1	
0400		Segment Group 11: Package	M		9999
0550		Segment Group 15: Line Item	C		9999

Segment:	**CPS** Consignment Packing Sequence
Position:	0380 (Trigger Segment)
Group:	Segment Group 10 (Consignment Packing Sequence) Mandatory
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.
Notes:	The Consignment Packaging Sequence (CPS) loop is used to capture the relationship between each tare (pallet, lift, etc), container and part number in the DESADV. A tare is considered one pallet or lift. A tare may be presented as:

1. MASTER TARE: A pallet or lift with multiple containers, boxes, or totes each containing the same part number. This tare will be represented by a GM1724B (master) label with individual containers each having an affixed GM1724A (container) label. Each container, box, and tote associated with the master tare will have its own proceeding CPS loop.

2. MIXED TARE: A pallet or lift with multiple containers, boxes, or totes containing different part numbers. This tare will be represented by a GM1724C (mixed) label with individual containers each having an affixed GM1724A (container) label. Each container, box, and tote associated with the master tare will have its own proceeding CPS loop.

3. CONTAINER AS A PALLET: A large container or rack that contains one part number stacked in layers or arranged in another configuration. The entire tare is represented by a GM1724A (container) label. There are no additional GM1724 labeled containers, boxes, or totes. For this use case, there will be a tare level CPS loop in addition to one proceeding CPS loop that contains part-level information.

A tare level CPS loop will be represented by the absence of the CPS02 (data element 7166) and a 3 qualifier in the CPS03 (data element 7075).

Each subsequent container level CPS loop will reference back to the tare level CPS hierarchical ID number (data element 7164) by placing that value in the container-level CPS02 (data element 7166). The container level CPS loop will also contain a 1 qualifier in the CPS03 (data element 7075).

Example:
CPS+1++3' (Tare)
CPS+2+1+1' (Container)
CPS+3+1+1' (Container)
CPS+4++3' (Tare)
CPS+5+4+1' (Container)
CPS+6+4+1' (Container)

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
7164		**HIERARCHICAL ID. NUMBER**	M	an..12
		A unique number assigned by the sender to identify a level within a hierarchical structure.		
		The first CPS loop will start with one (1). Each subsequent CPS loop will increase by one (1).		
		Field is numeric only. No alpha characters should be used in this field.		
7166		**HIERARCHICAL PARENT ID.**	C	an..12

Identification number of the next higher hierarchical data segment in a
hierarchical structure.

Used to relate container level CPS loops to the Tare. The value will equal the
value in the last Tare CPS loop.

Field is numeric only. No alpha characters should be used in this field.

| **7075** | **PACKAGING LEVEL, CODED** | **C** | **an..3** |

Indication of level of packaging specified.

    1   Inner

The 1 qualifier must be present in the CPS03: 7075 on
all container level CPS segments.

    3   Outer

The 3 qualifier must be present in the CPS03 : 7075 on
all tare level CPS segments.

Group: PAC **Segment Group 11: Package**

Position:	0400
Group:	Segment Group 10 (Consignment Packing Sequence)　　　Mandatory
Level:	2
Usage:	Mandatory
Max Use:	9999
Purpose:	A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0410	PAC	Package	M	1	
0420	MEA	Measurements	C	1	
0470		Segment Group 13: Package Identification	M		1000

Segment:	**PAC** Package	
Position:	0410 (Trigger Segment)	
Group:	Segment Group 11 (Package)	Mandatory
Level:	2	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.	
Notes:	**The PAC Segment is MANDATORY**.	

GM Plants require Container IDs for all returnable and expendable containers. Supplier expendable packaging claims or reimbursement will be denied if not transmitted accurately in the DESADV.

When an expendable container is used in place of a returnable container, the following expendable codes will be used:

0000PALT - Pallets (Expendable)
0000CART – Totes / Box (Expendable)
0000PCTN - Plastic Knockdowns and Metal Bins (Expendable)
0000COVR - Cover/Lids (Expendable)

Suppliers shipping in returnable containers must use accurate packaging part numbers as provided by GM.

When multiple parts/containers are combined on one pallet, build the DESADV so that the pallet is reported in the first CPS / part loop.

CONTAINER AS A PALLET: The tare-level PAC02 within the CPS loop should indicate the primary container number quantity as 0. The PAC02 within the container-level CPS loop must indicate the actual primary container quantity as the actual count. See appendix for examples.

Example:
PAC+1++0000CART'
PAC+1++0000PALT'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
7224		**NUMBER OF PACKAGES**	M	n..8
		Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.		
C202		**PACKAGE TYPE**	C	
		Type of package by name or by code from a specified source.		
	7065	**Type of packages identification**	C	an..17
		Coded description of the form in which goods are presented.		

GM uses an 8 character identification for the container, used for the shipment of the part number identified in the following LIN Segment.

Suppliers sourced to use returnable packaging will receive the returnable container number at the part level in their DELFOR received from the GM Plant.

Ship Direct may use more than 8 characters for Package Type.

Segment: **MEA** Measurements
Position: 0420
Group: Segment Group 11 (Package)   Mandatory
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying physical measurements of the packages/physical units described in the PAC segment.
Notes: The MEA segment is MANDATORY when CPS02 (data element 7166) is populated to indicate a container level CPS loop. This segment should not be sent within the tare level CPS loop.

Example:
MEA+AAX+G+LBR:44'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
6311		**MEASUREMENT PURPOSE QUALIFIER**	M	an..3
		Specification of the purpose of the measurement.		
		AAX Consignment measurement		
C502		**MEASUREMENT DETAILS**	C	
		Identification of measurement type.		
	6313	**Property measured, coded**	C	an..3
		Specification of the property measured.		
		G Gross weight		
C174		**VALUE/RANGE**	C	
		Measurement value and relevant minimum and maximum tolerances in that order.		
	6411	**Measure unit qualifier**	M	an..3
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.		
		The weight indicated in this segment must match what is on the accompanying GM1724A label.		
		Example:		
		LBR = Pounds		
		KGM = Kilograms		
	6314	**Measurement value**	C	an..18
		Value of the measured unit.		
		When value in 6313 (MEA02) = "G", use actual weight with no decimal point.		

Group: **PCI** Segment Group 13: Package Identification
Position: 0470
Group: Segment Group 11 (Package)   Mandatory
Level: 3
Usage: Mandatory
Max Use: 1000
Purpose: A group of segments specifying markings, labels, and packing numbers.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0480	PCI	Package Identification	M	1	
0500	DTM	Date/Time/Period	C	5	
0510	GIR	Related Identification Numbers	M	1	

Segment:	**PCI** Package Identification
Position:	0480 (Trigger Segment)
Group:	Segment Group 13 (Package Identification) Mandatory
Level:	3
Usage:	Mandatory
Max Use:	1
Purpose:	A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.
Notes:	Example: PCI+17'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
4233		**MARKING INSTRUCTIONS, CODED**	M	an..3

Code indicating instructions on how specified packages or physical units should be marked.

17	Seller's instructions

Required to exercise group 13

Segment:	**DTM** Date/Time/Period
Position:	0500
Group:	Segment Group 13 (Package Identification) Mandatory
Level:	4
Usage:	Conditional (Optional)
Max Use:	2
Purpose:	A segment for specifying date/time/period related to the document referenced.
Notes:	The DTM segment is MANDATORY when CPS02 (data element 7166) is populated to indicate a container level CPS loop.

Examples:
DTM+94:20230601:102'   (Mandatory)
DTM+36:20231101:102'   (Conditional)

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
C507		**DATE/TIME/PERIOD**	M	
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	**Date/time/period qualifier**	M	an..3
		Code giving specific meaning to a date, time or period.		
		36 Expiration date		
		Include expiration date if applicable.		
		Must match the expiration date noted on GM1724A (container) label.		
		94 Production/manufacture date		
		Mandatory. Date that part was manufactured. Also referred to as FIFO date for GM purposes.		
		Production date must match the production (FIFO) date on the GM1724A (container) label.		
	2380	**Date/time/period**	M	an..35
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	**Date/time/period format qualifier**	M	an..3
		Specification of the representation of a date, a date and time or of a period.		
		102 CCYYMMDD		

Segment:	**GIR** Related Identification Numbers	
Position:	0510	
Group:	Segment Group 13 (Package Identification)	Mandatory
Level:	4	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment providing set of package identification related numbers, e.g. a package label number and a KANBAN card number assigned to the same package.	

Notes: Identification of the bar code serial number located under the 1D bar code on the GM1724 label. The bar code serial number is a 20 character alpha-numeric value comprised of:

1. UN
2. Nine (9) digit supplier ship-from DUNS number
3. Nine (9) digit supplier generated unique serial number

For MASTER TARE and MIXED TARE, there should be an accompanying GM1724B (Master) or GM1724C (Mixed) label. Those label serial numbers will be represented by a ML qualifier in the GIR.

For CONTAINER AS A PALLET, there should be an accompanying GM1724A (container) label. That label serial number will be repeated in the tare-level CPS segment and container-level CPS segment with an AW qualifier in the GIR.

The GM1724 label serial numbers in the DESADV **must** match those on the physical labels of the shipment. This includes every DESADV regardless of the message being designated as an Original (9), Replace (5), or Cancellation (1) in the BGM03 (data element 1225).

Example:
GIR+3+UN311111110013496194:ML'
GIR+3+UN311111110013496195:AW'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
7297		**SET IDENTIFICATION QUALIFIER**	M	an..3
		Identification of the type of set.		
		3　　　　　　Package		
C206		**IDENTIFICATION NUMBER**	M	
		The identification of an object.		
	7402	**Identity number**	M	an20
		The number given to an object for its unique identification.		
		Twenty alpha-numeric value must match the accompanying GM1724A, B, or C label. This number must be unique and cannot be repeated for three years.		
		For a given shipment, a GM1724A serial number may represent a tare and a container ONLY when the container is the tare/pallet.		
	7405	**Identity number qualifier**	M	an..3
		Code specifying the type/source of identity number.		
		AW　　　　　　Serial shipping container code		
		AW will be used for GM1724A (Container) label serial numbers.		
		ML　　　　　　Marking/label number		
		ML will be used for GM1724B (Master) and GM1724C (Mixed) label serial numbers.		

Group:	**LIN** Segment Group 15: Line Item	
Position:	0550	
Group:	Segment Group 10 (Consignment Packing Sequence)	Mandatory
Level:	2	
Usage:	Conditional (Required)	
Max Use:	9999	
Purpose:	A group of segments providing details of the individual despatched items.	

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0560	LIN	Line Item	M	1	
0600	QTY	Quantity	M	10	
0610	ALI	Additional Information	M	10	
0620	GIN	Goods Identity Number	C	100	
0710		Segment Group 16: Reference	M		99
0880		Segment Group 20: Package Identification	C		9999

Segment: **LIN** Line Item
Position: 0560 (Trigger Segment)
Group: Segment Group 15 (Line Item)   Conditional (Required)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the product being despatched.
All other segments in the detail section following the LIN segment refer to that line item.
Notes: The LIN segment is Mandatory when CPS02 is populated and the CPS03 is equal to 1, indicating the CPS loop is for a container.

Example:
LIN+++11588712:IN'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
C212		ITEM NUMBER IDENTIFICATION	M	
		Goods identification for a specified source.		
	7140	**Item number**	M	an..35
		A number allocated to a group or item.		
		GM assigned 8 digit part number. Ship Direct Part Number may have more digits.		
	7143	**Item number type, coded**	M	an..3
		Identification of the type of item number.		
		IN Buyer's item number		

Segment:	**QTY** Quantity	
Position:	0600	
Group:	Segment Group 15 (Line Item)	Conditional (Required)
Level:	3	
Usage:	Mandatory	
Max Use:	3	
Purpose:	A segment to give quantity information concerning the product.	
Notes:	All QTY Segments (cumulative quantity, dispatch quantity, standard pack quantity) are mandatory for every DESADV/ASN.	

Example:
QTY+12:40:C62'   (Mandatory)
QTY+3:13680:C62'   (Mandatory)
QTY+52:20:C62'   (Mandatory)

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
C186		**QUANTITY DETAILS**	**M**	
		Quantity information in a transaction, qualified when relevant.		
	6063	**Quantity qualifier**	**M**	**an..3**
		Code giving specific meaning to a quantity.		
		3 Cumulative quantity		
		This value should be the same in each container CPS loop for each unique part. For instance, if part number 12345678 is repeated multiple times in the same DESADV, the cumulative quantity shipped should be the same for each. They must not increment. Changes should only be reflected in subsequent DESADV transmissions		
		12 Despatch quantity		
		Used to convey actual quantity of the part, per container, in the preceding LIN.		
		52 Standard per pack		
		Used for GM warehousing and storage purposes. This is the standard pack quantity of the part in the proceeding LIN.		
	6060	**Quantity**	**M**	**n..15**
		Numeric value of a quantity.		
	6411	**Measure unit qualifier**	**C**	**an..3**
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.		
		This must be the same Unit of Measure provided in the corresponding DELFOR or DELJIT message.		

Segment:	**ALL** Additional Information	
Position:	0610	
Group:	Segment Group 15 (Line Item)	Conditional (Required)
Level:	3	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment indicating that the line item is subject to special conditions due to origin, customs preference, or commercial factors.	
Notes:	The ALI Segment is mandatory to indicate county of origin of the part. Suppliers must include the information in their DESADV. Example: ALI+US'	

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
3239		**COUNTRY OF ORIGIN, CODED**	**M**	**an2**
		Country in which the goods have been produced or manufactured, according to criteria laid down for the purposes of application of the Customs tariff, of quantitative restrictions, or of any other measure related to trade.		

Segment:	**GIN** Goods Identity Number	
Position:	0620	
Group:	Segment Group 15 (Line Item)	Conditional (Required)
Level:	3	
Usage:	Conditional (Optional)	
Max Use:	100	
Purpose:	A segment providing identity numbers of the goods being despatched, e.g. serial numbers for assembled equipment.	
Notes:	This segment is intended for future.	

Example:
GIN+12345678+BN'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
7405		**IDENTITY NUMBER QUALIFIER**	M	an..3
		Code specifying the type/source of identity number.		
		BN Serial number		
C208		**IDENTITY NUMBER RANGE**	M	
		Goods item identification numbers, start and end of consecutively numbered range.		
	7402	**Identity number**	M	an..35
		The number given to an object for its unique identification.		

Group: **RFF** Segment Group 16: Reference
Position: 0710
Group: Segment Group 15 (Line Item)   Conditional (Required)
Level: 3
Usage: Mandatory
Max Use: 99
Purpose: A group of segments to give reference numbers and dates.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0720	RFF	Reference	M	1	

Segment:	**RFF** Reference
Position:	0720 (Trigger Segment)
Group:	Segment Group 16 (Reference) Mandatory
Level:	3
Usage:	Mandatory
Max Use:	1
Purpose:	A segment identifying documents related to the line item.
Notes:	Suppliers must transmit the same RFF segment, value, and qualifier as transmitted on the accompanying DELFOR message. The purchase order number is NOT transmitted on the DELJIT message.
	Examples:
	RFF+ON:2VJN000V'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
C506		**REFERENCE**	**M**	
		Identification of a reference.		
	1153	**Reference qualifier**	**M**	**an..3**
		Code giving specific meaning to a reference segment or a reference number.		
		ON Order number (purchase)		
		Number of the Purchase Order relevant for the article defined in the preceding LIN segment.		
	1154	**Reference number**	**M**	**an..22**
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		

Group:	**PCI** Segment Group 20: Package Identification
Position:	0880
Group:	Segment Group 15 (Line Item) Conditional (Required)
Level:	3
Usage:	Conditional (Optional)
Max Use:	9999
Purpose:	A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities, date and time information and handling instructions.
Notes:	**Segment Group 20 is used for Primary Metal information only.**

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0890	PCI	Package Identification	M	1	
0910	MEA	Measurements	C	10	
0920	QTY	Quantity	C	1	
0930		Segment Group 21: Goods Identity Number	O		10

Segment:	**PCI** Package Identification
Position:	0890 (Trigger Segment)
Group:	Segment Group 20 (Package Identification) Conditional (Optional)
Level:	3
Usage:	Mandatory
Max Use:	1
Purpose:	A segment specifying marking and labels used on individual packages or a range of packages.
Notes:	**Used for Primary Metal information**. Barcode Serial Number for Primary Metal
	Example:
	PCI+15+558404'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
4233		**MARKING INSTRUCTIONS, CODED**	C	**an..3**
		Code indicating instructions on how specified packages or physical units should be marked.		
	15	Mark supplier number		
		Barcoded Serial Number for Primary Metal.		
C210		**MARKS & LABELS**	C	
		Shipping marks on packages in free text; one to ten lines.		
	7102	**Shipping marks**	M	**an..35**
		Marks and numbers identifying individual packages.		

Segment:	**MEA** Measurements
Position:	0910
Group:	Segment Group 20 (Package Identification) Conditional (Optional)
Level:	4
Usage:	Conditional (Optional)
Max Use:	5
Purpose:	A segment specifying physical measurements of packages.
Notes:	**Used for Primary Metal information.**

GM Occurrences: up to 5 per Segment Group 20

Example:
MEA+PD+WT+KGM:2935'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
6311		**MEASUREMENT PURPOSE QUALIFIER**	M	an..3
		Specification of the purpose of the measurement.		
		PD Physical dimensions (product ordered)		
C502		**MEASUREMENT DETAILS**	C	
		Identification of measurement type.		
	6313	**Property measured, coded**	C	an..3
		Specification of the property measured.		
		LN Length dimension		
		Length of pieces or packages stated for transport purposes.		
		TH Thickness		
		WD Width dimension		
		WT Weight		
C174		**VALUE/RANGE**	C	
		Measurement value and relevant minimum and maximum tolerances in that order.		
	6411	**Measure unit qualifier**	M	an..3
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.		
	6314	**Measurement value**	C	an..18
		Value of the measured unit.		
		Actual weight in line with qualifier value indicated in Element 6313.		

Segment:	**QTY** Quantity
Position:	0920
Group:	Segment Group 20 (Package Identification) Conditional (Optional)
Level:	4
Usage:	Conditional (Optional)
Max Use:	1
Purpose:	A segment to specify quantity per package.

Notes:	**Used for Primary Metal only.**
	All QTY Segments are mandatory for every DESADV/ASN.
	Example:
	QTY+12:1:EA'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
C186		**QUANTITY DETAILS**	M	
		Quantity information in a transaction, qualified when relevant.		
	6063	**Quantity qualifier**	M	an..3
		Code giving specific meaning to a quantity.		
		12 Despatch quantity		
	6060	**Quantity**	M	n..15
		Numeric value of a quantity.		
		Quantity related to preceding PCI Segment.		
	6411	**Measure unit qualifier**	M	an..3
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.		

Group:	**GIN** Segment Group 21: Goods Identity Number		
Position:	0930		
Group:	Segment Group 20 (Package Identification)	Conditional (Optional)	
Level:	4		
Usage:	Optional (Optional)		
Max Use:	10		
Purpose:	A group of segments giving package identification numbers and, where relevant, delivery limitation information.		

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0940	GIN	Goods Identity Number	M	1	

Segment:	**GIN** Goods Identity Number	
Position:	0940 (Trigger Segment)	
Group:	Segment Group 21 (Goods Identity Number)	Optional (Optional)
Level:	4	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment providing identification numbers being applied to the packages despatched.	
Notes:	**Used for Primary Metal information only**. Example: GIN+BX+755398'	

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
7405		**IDENTITY NUMBER QUALIFIER**	M	an..3
		Code specifying the type/source of identity number.		
		BX Batch number		
C208		**IDENTITY NUMBER RANGE**	M	
		Goods item identification numbers, start and end of consecutively numbered range.		
	7402	**Identity number**	M	an..35
		The number given to an object for its unique identification.		

Segment: **UNT** **Message Trailer**
Position: 1040
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+41+04370'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
0074		**NUMBER OF SEGMENTS IN A MESSAGE**	M	n..6
		Control count of number of segments in a message.		
0062		**MESSAGE REFERENCE NUMBER**	M	an..14
		Unique message reference assigned by the sender.		

Segment:	**UNZ** **Interchange Trailer**
Position:	1050
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	To end and check the completeness of an interchange.
Notes:	UNZ+1+000224393'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
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.		
0020		**INTERCHANGE CONTROL REFERENCE**	M	an..14
		Unique reference assigned by the sender to an interchange.		

General Motors

DESADV GUIDELINE CHANGE LOG:

Date	Document Version	Segments Impacted	Detail of Change
6/11/24	4.0		Version 4.0 published
8/12/24	4.1	Change Log	Updated guideline name. Added change log.
8/12/24	4.2	GIR	Decreased max use from 99 to 1 in GIR segment.
8/13/24	4.3	Introduction	Decreased max use from 99 to 1 in GIR segment.
8/19/24	4.4	ALI/Footer	Updated ALI value to be 2 characters vs 1 or 2. Updated Footer title to GMAP from MGO
10/28/24	4.5	DTM/GIR	DTM - Updated sub-elements 2380 & 2379 as Mandatory from Conditional...if DTM segment is used in Group 13 GIR - Added a new sentence in the GIR grey notes related to the label serial number usage.
11/7/24	4.6	MEA	Removed GLN from the gray notes under element 6411