



American Axle & Manufacturing
DESPATCH ADVICE - DESADV

Supplier EDI Implementation Guideline
Version 1.0

DESADV Guidelines Changes

Differences from GM MGO D.97A version 1.1 guidelines

AAM will require master and container label **detail** information for every container on a shipment that is transmitted on the DESADV. The detail change will require sending 1 CPS, “master label” GIR, PAC, LIN, QTY, and “container label” GIR for every container.

BGM – Message function Coded.

Changes for Data Element 1225

GM uses 1- Cancel, 2 – addition, 4 – change and 9- Original.

AAM will use 1 – cancel, 5- replace, and 9 – Original

RFF – Segment Group 1.

Changes for Data Element 1153

Add qualifier IV – Invoice Number

NAD – Segment Group 2

Changes for Data Element 3035

Add qualifier IV – Invoicee

LOC – Segment Group 2

Must send after NAD+ST

GIR – Segment Group 13

Add qualifier AL for Pull number.

Add qualifier AW for LPN number.

Add qualifier AQ for release number.

Add qualifier AM – Level Number for Release Line Number

PIA – Segment Group 15

Make model year optional

Add qualifier EC – Engineering Change.

IMD – Segment Group 15

Make Item Description Optional

QTY – Segment Group 15

Make cumulative quantity optional – Despatch quantity is mandatory.

Add qualifier 47 = Invoice Quantity

GIR – Segment Group 15

Activate segment

Add qualifier AW for LPN number.

Add qualifier AL for Pull number.

Add qualifier BX – Batch number (Lot Number).

Segment group 20 is for primary metals and heat codes. Make no changes.

June 18, 2004 – Minor edits and wording corrections , also correct minor issue with example documents.

Questions? Contact Support at aamedisupport@aam.com

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:

	<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>
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
Must Use	0030	DTM	Date/Time/Period	C	3		
Not Used	0040	ALI	Additional Information	C	5		
	0050	MEA	Measurements	C	5		
Not Used	0060	MOA	Monetary Amount	C	5		
	0070		Segment Group 1: RFF-DTM	C		10	
M	0080	RFF	Reference	M	1		
Not Used	0090	DTM	Date/Time/Period	C	1		
	0100		Segment Group 2: NAD-LOC-SG3-SG4	C		10	
M	0110	NAD	Name and Address	M	1		
D	0120	LOC	Place/Location Identification	C	10		
Not Used	0130		Segment Group 3: RFF-DTM	C		10	
Not Used	0140	RFF	Reference	M	1		
Not Used	0150	DTM	Date/Time/Period	C	1		
	0160		Segment Group 4: CTA-COM	C		10	
Not Used	0170	CTA	Contact Information	M	1		
Not Used	0180	COM	Communication Contact	C	5		
	0190		Segment Group 5: TOD-LOC-FTX	C		10	
Not Used	0200	TOD	Terms of Delivery or Transport	M	1		
Not Used	0210	LOC	Place/Location Identification	C	5		
Not Used	0220	FTX	Free Text	C	5		
	0230		Segment Group 6: TDT-PCD-SG7	C		10	
Must Use	0230		Segment Group 6: TDT-PCD-SG7	C		10	
M	0240	TDT	Details of Transport	M	1		
Not Used	0250	PCD	Percentage Details	C	6		
Not Used	0260		Segment Group 7: LOC-DTM	C		10	
Not Used	0270	LOC	Place/Location Identification	M	1		
Not Used	0280	DTM	Date/Time/Period	C	10		
	0290		Segment Group 8: EQD-MEA-SEL-EQA-SG9	C		10	
Must Use	0290		Segment Group 8: EQD-MEA-SEL-EQA-SG9	C		10	
M	0300	EQD	Equipment Details	M	1		
Not Used	0310	MEA	Measurements	C	5		
	0320	SEL	Seal Number	C	25		
Not Used	0330	EQA	Attached Equipment	C	5		

Not Used	0340		Segment Group 9: HAN-FTX	C		10	
Not Used	0350	HAN	Handling Instructions	M		1	
Not Used	0360	FTX	Free Text	C		10	

Detail Section:

	<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>
Must Use	0370		Segment Group 10: CPS-FTX-SG11-SG15	C		9999	
M	0380	CPS	Consignment Packing Sequence	M		1	
Not Used	0390	FTX	Free Text	C		5	
	0400		Segment Group 11: PAC-MEA-QTY-SG12-SG13	C		9999	
M	0410	PAC	Package	M		1	
Not Used	0420	MEA	Measurements	C		10	
Not Used	0430	QTY	Quantity	C		10	
Not Used	0440		Segment Group 12: HAN-FTX	C		10	
Not Used	0450	HAN	Handling Instructions	M		1	
Not Used	0460	FTX	Free Text	C		10	
	0470		Segment Group 13: PCI-RFF-DTM-GIR-SG14	C		1000	
M	0480	PCI	Package Identification	M		1	
	0490	RFF	Reference	C		1	
Not Used	0500	DTM	Date/Time/Period	C		5	
Must Use	0510	GIR	Related Identification Numbers	C		99	
Not Used	0520		Segment Group 14: GIN-DLM	C		99	
Not Used	0530	GIN	Goods Identity Number	M		1	
Not Used	0540	DLM	Delivery Limitations	C		10	
	0550		Segment Group 15: LIN-PIA-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-NAD-TDT-HAN-FTX-MOA-SG16-SG17-SG18-SG19-SG20-SG23	C		9999	
M	0560	LIN	Line Item	M		1	
	0570	PIA	Additional Product Id	C		10	
	0580	IMD	Item Description	C		25	
Not Used	0590	MEA	Measurements	C		10	
Must Use	0600	QTY	Quantity	C		10	
Not Used	0610	ALI	Additional Information	C		10	
Not Used	0620	GIN	Goods Identity Number	C		100	
Must Use	0630	GIR	Related Identification Numbers	C		100	
Not Used	0640	DLM	Delivery Limitations	C		100	
Not Used	0650	DTM	Date/Time/Period	C		5	
Not Used	0660	NAD	Name and Address	C		5	
Not Used	0670	TDT	Details of Transport	C		1	
Not Used	0680	HAN	Handling Instructions	C		20	
	0690	FTX	Free Text	C		99	
Not Used	0700	MOA	Monetary Amount	C		5	
	0710		Segment Group 16: RFF-NAD-CTA-DTM	C		99	
M	0720	RFF	Reference	M		1	
Not Used	0730	NAD	Name and Address	C		1	
Not Used	0740	CTA	Contact Information	C		1	
Not Used	0750	DTM	Date/Time/Period	C		1	
Not Used	0760		Segment Group 17: DGS-QTY-FTX	C		10	

EDI Implementation Guidelines for American Axle & Manufacturing

EDIFACT DESADV

Not Used	0770	DGS	Dangerous Goods	M	1		
Not Used	0780	QTY	Quantity	C	1		
Not Used	0790	FTX	Free Text	C	5		
<hr/>							
Not Used	0800	Segment Group 18: LOC-NAD-DTM-QTY		C	100		
Not Used	0810	LOC	Place/Location Identification	M	1		
Not Used	0820	NAD	Name and Address	C	1		
Not Used	0830	DTM	Date/Time/Period	C	1		
Not Used	0840	QTY	Quantity	C	10		
<hr/>							
Not Used	0850	Segment Group 19: SGP-QTY		C	1000		
Not Used	0860	SGP	Split Goods Placement	M	1		
Not Used	0870	QTY	Quantity	C	10		
<hr/>							
	0880	Segment Group 20: PCI-DTM-MEA-QTY-SG21-SG22		C	9999		
M	0890	PCI	Package Identification	M	1		
Not Used	0900	DTM	Date/Time/Period	C	5		
	0910	MEA	Measurements	C	10		
	0920	QTY	Quantity	C	1		
	0930	Segment Group 21: GIN-DLM		C	10		
M	0940	GIN	Goods Identity Number	M	1		
Not Used	0950	DLM	Delivery Limitations	C	100		
<hr/>							
Not Used	0960	Segment Group 22: HAN-FTX-GIN		C	10		
Not Used	0970	HAN	Handling Instructions	M	1		
Not Used	0980	FTX	Free Text	C	5		
Not Used	0990	GIN	Goods Identity Number	C	1000		
<hr/>							
Not Used	1000	Segment Group 23: QVR-DTM		C	10		
Not Used	1010	QVR	Quantity Variances	M	1		
Not Used	1020	DTM	Date/Time/Period	C	5		

Summary Section:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
Not Used	1030	CNT	Control Total	C	5		
M	1040	UNT	Message Trailer	M	1		

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

Dependency Notes:
Semantic Notes:
Comments:
Notes:

UNH+1+DESADV:D:97A:UN'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M an..14
M	S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M
M		0065	Message type identifier Code identifying a type of message and assigned by its controlling agency. DESADV Despatch advice message A code to identify the despatch advice message.	M an..6
M		0052	Message type version number Version number of a message type. D Draft version/UN/EDIFACT Directory Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).	M an..3
M		0054	Message type release number Release number within the current message type version number (0052). 97A Release 1997 - A Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).	M an..3
M		0051	Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/ECE/TRADE/WP.4 United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	M an..2
		0057	Association assigned code Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	C an..6
	0068		COMMON ACCESS REFERENCE Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	C an..35
X	S010		STATUS OF THE TRANSFER	C

		Statement that the message is one in a sequence of transfers relating to the same topic.	
X	0070	Sequence message transfer number	M n..2
		Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	
X	0073	First/last sequence message transfer indication	C a1
		Indication used for the first and last message in a sequence of the same type of message relating to the same topic. Refer to D.97A Data Element Dictionary for acceptable code values.	

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.

Dependency Notes:

Semantic Notes:

Comments:

Notes: BGM+351+398157+9'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C002		DOCUMENT/MESSAGE NAME	C
		Identification of a type of document/message by code or name. Code preferred.	
	1001	Document/message name, coded	C an..3
		Document/message identifier expressed in code.	
		351 Despatch advice	
		Document/message by means of which the seller or consignor informs the consignee about the despatch of goods.	
X	1131	Code list qualifier	C an..3
		Identification of a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	3055	Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	1000	Document/message name	C an..35
		Plain language identifier specifying the function of a document/message.	
>>	C106	DOCUMENT/MESSAGE IDENTIFICATION	C
		Identification of a document/message by its number and eventually its version or revision.	
>>	1004	Document/message number	C an..35
		Reference number assigned to the document/message by the issuer.	
		A unique control number, commonly called a Shipment Identification Number or (SID) assigned by the original shipper to identify a specific shipment. The SID cannot be repeated within a one year period. This number must be referenced on both the packing slip and the Bill of lading as the Shipment Identification Number(SID).	
X	1056	Version	C an..9
		To specify the version number or name of an object.	
X	1060	Revision number	C an..6
		To specify a revision number.	
>>	1225	MESSAGE FUNCTION, CODED	C an..3
		Code indicating the function of the message.	
		AAM will accept the following documents: 9- Original. 5 - Replace - Must send a '1' - cancel prior to replace document. 1- Cancel - Must be an exact duplicate of original document, which is being cancelled.	

		1	Cancellation Message canceling a previous transmission for a given transaction.
		5	Replace Message replacing a previous message.
		9	Original Initial transmission related to a given transaction.
X	4343	RESPONSE TYPE, CODED	C an..3 Code specifying the type of acknowledgment required or transmitted.

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Conditional (Required)
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

DTM+132:200312170955:203'
 DTM+137:200312170931:203'
 DTM+11:200312170931:203'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M
M		2005	Date/time/period qualifier Code giving specific meaning to a date, time or period. Must send all three "137" Document/message date/time. "11" Despatch Date and time. "132" Estimated Arrival Date and Time"	M an..3
			11 Despatch date and or time (2170) Date/time on which the goods are or are expected to be despatched or shipped.	
			132 Arrival date/time, estimated (2348) Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.	
			137 Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.	
		2380	Date/time/period The value of a date, a date and time, a time or of a period in a specified representation.	C an..35
M		2379	Date/time/period format qualifier Specification of the representation of a date, a date and time or of a period.	M an..3
			203 CCYYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	

Segment: **MEA** Measurements
Position: 0050
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment specifying the weight and volume of the consignment.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Must send all three.
 MEA+AAX+G+LBR:4518'
 MEA+AAX+N+LBR:3830'
 MEA+AAX+SQ+C62:4'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. AAX Consignment measurement Measurement related to a consignment; to be specified by the measurement code dimension value.	M an..3
>>	C502		MEASUREMENT DETAILS Identification of measurement type.	C
		6313	Property measured, coded Specification of the property measured. G Gross weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment. N Actual net weight SQ Shipped quantity	C an..3
X		6321	Measurement significance, coded Code specifying the significance of a measurement value. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		6155	Measurement attribute identification Code used to specify non-discrete measurement values. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..17
X		6154	Measurement attribute To specify non-discrete measurement values.	C an..70
	C174		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.	C
M		6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. For code: See UN/ECE Recommendation No. 20.	M an..3
		6314	Measurement value Value of the measured unit. For Gross and Net weights use Actual weight. No decimals. For SQ = Total lading units on shipment. Must send all three codes.	C an..18
X		6162	Range minimum Minimum of a range.	C n..18

X	6152	Range maximum Maximum of a range.	C	n..18
X	6432	Significant digits To specify the number of significant digits.	C	n..2
X	7383	SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described. Refer to D.97A Data Element Dictionary for acceptable code values.	C	an..3

Group: **RFF** Segment Group 1: Reference
Position: 0070
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

Segment Summary

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

Segment: **RFF** Reference
Position: 0080 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

RFF+CN:676007'
 RFF+MB:033998'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3
		CN	Carrier's reference number	
			Reference number assigned by carrier to a consignment.	
		IV	Invoice number	
			Used for Mexico Shipments, must be the same value as packing slip number.	
			[1334] Reference number assigned by the seller to a Commercial Invoice.	
		MB	Master bill of lading number	
			Reference number assigned to a master bill of lading, see: 1001 = 704.	
		1154	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C an..35
X		1156	Line number Number of the line in the document/message referenced in 1154 Reference number.	C an..6
X		4000	Reference version number To uniquely identify a reference by its revision number.	C an..35

Group: **NAD** **Segment Group 2: Name and Address**
Position: 0100
Group:
Level: 1
Usage: Conditional (Required)
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.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0110	NAD	Name and Address	M	1	
D	0120	LOC	Place/Location Identification	C	10	

Segment: **NAD** Name and Address
Position: 0110 (Trigger Segment)
Group: Segment Group 2 (Name and Address) Conditional (Required)
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

NAD+MI+808844567::16'
 NAD+ST+808844567::16'
 NAD+SU+012345678::16'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3035		PARTY QUALIFIER Code giving specific meaning to a party. Must send NAD+ MI, NAD+ ST, NAD+SU. Will accept NAD+SF and NAD+OB but rarely used.	M an..3
		IV	Invoicee (3006) Party to whom an invoice is issued.	
		MI	Planning schedule/material release issuer Must Send	
		OB	Ordered by Party who issued an order. Conditional - Must only be transmitted if used in the DELFOR or DELJIT	
		SF	Ship from Identification of the party from where goods will be or have been shipped. Conditional - Used only if different than the SU.	
		ST	Ship to Identification of the party to where goods will be or have been shipped. Must be sent.	
		SU	Supplier (3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade. Must be sent.	
	C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C
M	3039		Party id. identification Code identifying a party involved in a transaction.	M an..35

X		1131 Code list qualifier	C	an..3
		Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.		
>>		3055 Code list responsible agency, coded	C	an..3
		Code identifying the agency responsible for a code list. 16 DUNS (Dun & Bradstreet) 92 Assigned by buyer or buyer's agent		
X	C058	NAME AND ADDRESS	C	
		Unstructured name and address: one to five lines.		
X		3124 Name and address line	M	an..35
		Free form name and address description.		
X		3124 Name and address line	C	an..35
		Free form name and address description.		
X		3124 Name and address line	C	an..35
		Free form name and address description.		
X		3124 Name and address line	C	an..35
		Free form name and address description.		
X		3124 Name and address line	C	an..35
		Free form name and address description.		
X	C080	PARTY NAME	C	
		Identification of a transaction party by name, one to five lines. Party name may be formatted.		
X		3036 Party name	M	an..35
		Name of a party involved in a transaction.		
X		3036 Party name	C	an..35
		Name of a party involved in a transaction.		
X		3036 Party name	C	an..35
		Name of a party involved in a transaction.		
X		3036 Party name	C	an..35
		Name of a party involved in a transaction.		
X		3036 Party name	C	an..35
		Name of a party involved in a transaction.		
X		3045 Party name format, coded	C	an..3
		Specification of the representation of a party name. Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C059	STREET	C	
		Street address and/or PO Box number in a structured address: one to three lines.		
X		3042 Street and number/p.o. box	M	an..35
		Street and number in plain language, or Post Office Box No.		
X		3042 Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
X		3042 Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
X		3042 Street and number/p.o. box	C	an..35
		Street and number in plain language, or Post Office Box No.		
X	3164	CITY NAME	C	an..35
		Name of a city (a town, a village) for addressing purposes.		
X	3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9
		Identification of the name of sub-entities (state, province) defined by		

X	3251	appropriate governmental agencies. POSTCODE IDENTIFICATION Code defining postal zones or addresses.	C an..9
X	3207	COUNTRY, CODED Identification of the name of a country or other geographical entity as specified in ISO 3166.	C an..3

Segment: **LOC** **Place/Location Identification**
Position: 0120
Group: Segment Group 2 (Name and Address) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 10
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Required, Must send after NAD+ST
 LOC+11+DOCK 2'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3227		PLACE/LOCATION QUALIFIER Code identifying the function of a location.	M an..3
		11	Place/port of discharge (3392 + 3414) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage.	
	C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C
>>	3225		Place/location identification Identification of the name of place/location, other than 3164 City name.	C an..25
			AAM Receiving location or Dock code	
X		1131	Code list qualifier Identification of a code list.	C an..3
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3224	Place/location Name of place/location, other than 3164 City name.	C an..70
X	C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C
X		3223	Related place/location one identification Specification of the first related place/location by code.	C an..25
X		1131	Code list qualifier Identification of a code list.	C an..3
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3222	Related place/location one Specification of the first related place/location by name.	C an..70

X	C553	RELATED LOCATION TWO IDENTIFICATION	C	
		Identification of second related location by code or name.		
X	3233	Related place/location two identification	C	an..25
		Specification of a second related place/location by code.		
X	1131	Code list qualifier	C	an..3
		Identification of a code list.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency, coded	C	an..3
		Code identifying the agency responsible for a code list.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
X	3232	Related place/location two	C	an..70
		Specification of a second related place/location by name.		
X	5479	RELATION, CODED	C	an..3
		To specify the relationship between two or more items.		

Group: **TDT** **Segment Group 6: Details of Transport**
Position: 0230
Group:
Level: 1
Usage: Conditional (Required)
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

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

Segment: **TDT** Details of Transport
Position: 0240 (Trigger Segment)
Group: Segment Group 6 (Details of Transport) Conditional (Required)
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes: TDT+12++LT++GRTE::182'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	8051		TRANSPORT STAGE QUALIFIER Qualifier giving a specific meaning to the transport details.	M an..3
		12	At departure	
			Transport by which goods are moved from the place of departure.	
		25	Delivery carrier all transport	
			Carrier responsible from the point of origin to the final delivery destination.	
X	8028		CONVEYANCE REFERENCE NUMBER Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).	C an..17
	C220		MODE OF TRANSPORT Method of transport code or name. Code preferred.	C
>>		8067	Mode of transport, coded Coded method of transport used for the carriage of the goods.	C an..3
		A	Air	
		AC	Air Charter	
		AE	Air Express	
		C	Consolidation	
		D	Parcel Post	
		E	Expedited Truck	
		FA	Air Freight Forwarder	
		G	Piggy Back	
		GS	Progressive Pick-up/Milk Run	
		H	Customer Pick-up	
		J	Motor	
		LT	Less than trailer load	
		R	Rail	
		SE	Sea/Air	
		SR	Supplier Truck	
		SS	Ship	
		T	Best way	
		TC	Taxi-Cab	
		U	Private parcel Service	
		VE	Vessel, Ocean	
		W	Inland Waterway	

X		8066	Mode of transport	C	an..17
			Method of transport used for the carriage of the goods.		
X	C228		TRANSPORT MEANS	C	
			Code and/or name identifying the type of means of transport.		
X		8179	Type of means of transport identification	C	an..8
			Code defining the type of the means of transport being utilized. Refer to D.97A Data Element Dictionary for acceptable code values.		
X		8178	Type of means of transport	C	an..17
			Description of the type of the means of transport being utilized.		
>>	C040		CARRIER	C	
			Identification of a carrier by code and/or by name. Code preferred.		
>>		3127	Carrier identification	C	an..17
			Identification of party undertaking or arranging transport of goods between named points. Code used to identify carrier, send SCAC when available		
X		1131	Code list qualifier	C	an..3
			Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.		
		3055	Code list responsible agency, coded	C	an..3
			Code identifying the agency responsible for a code list. 92 Assigned by buyer or buyer's agent 182 US, Standard Carrier Alpha Code (Motor) Organization maintaining the SCAC lists and transportation operating in North America.		
X		3128	Carrier name	C	an..35
			Name of party undertaking or arranging transport of goods between named points.		
X	8101		TRANSIT DIRECTION, CODED	C	an..3
			Identification of the point of origin and point of direction. Refer to D.97A Data Element Dictionary for acceptable code values.		
	C401		EXCESS TRANSPORTATION INFORMATION	C	
			To provide details of reason for, and responsibility for, use of transportation other than normally utilized.		
M		8457	Excess transportation reason, coded	M	an..3
			Indication of reason for excess transportation. Refer to D.97A Data Element Dictionary for acceptable code values.		
M		8459	Excess transportation responsibility, coded	M	an..3
			Indication of responsibility for excess transportation. Refer to D.97A Data Element Dictionary for acceptable code values.		
		7130	Customer authorization number	C	an..17
			Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.		
X	C222		TRANSPORT IDENTIFICATION	C	
			Code and/or name identifying the means of transport.		
X		8213	Id. of means of transport identification	C	an..9
			Identification of the means of transport by name or number.		
X		1131	Code list qualifier	C	an..3
			Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency, coded	C	an..3

			Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	
X	8212	Id. of the means of transport		C an..35
			Identification of the means of transport by name or number.	
X	8453	Nationality of means of transport, coded		C an..3
			Coded name of the country in which a means of transport is registered.	
X	8281	TRANSPORT OWNERSHIP, CODED		C an..3
			Code indicating the ownership of the means of transport. Refer to D.97A Data Element Dictionary for acceptable code values.	

Group: **EQD** **Segment Group 8: Equipment Details**
Position: 0290
Group:
Level: 1
Usage: Conditional (Required)
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

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	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) Conditional (Required)
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes: EQD+TE+248324'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	8053		EQUIPMENT QUALIFIER Code identifying type of equipment.	M an..3
		CN	Container Equipment item as defined by ISO for transport. It must be of: A) permanent character, strong enough for repeated use; B) designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading; C) fitted with devices for its ready handling, particularly.	
		RR	Rail car [8320] Registered identification number of railway wagon (CIM 19).	
		TE	Trailer A vehicle without motive power, designed for the carriage of cargo and to be towed by a motor vehicle.	
>>	C237		EQUIPMENT IDENTIFICATION Marks (letters and/or numbers) identifying equipment used for transport such as a container.	C
>>		8260	Equipment identification number Marks (letters and/or numbers) which identify equipment e.g. unit load device.	C an..17
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3207	Country, coded Identification of the name of a country or other geographical entity as specified in ISO 3166.	C an..3
X	C224		EQUIPMENT SIZE AND TYPE Code and/or name identifying size and type of equipment used in transport. Code preferred.	C
X		8155	Equipment size and type identification Coded description of the size and type of equipment e.g. unit load device. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..10
X		1131	Code list qualifier Identification of a code list.	C an..3

			Refer to D.97A Data Element Dictionary for acceptable code values.	
X	3055	Code list responsible agency, coded		C an..3
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X	8154	Equipment size and type		C an..35
			Plain language description of the size and type of equipment e.g. unit load device.	
X	8077	EQUIPMENT SUPPLIER, CODED		C an..3
			To indicate the party that is the supplier of the equipment.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X	8249	EQUIPMENT STATUS, CODED		C an..3
			Indication of the action related to the equipment.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X	8169	FULL/EMPTY INDICATOR, CODED		C an..3
			To indicate the extent to which the equipment is full or empty.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	

Segment: **SEL** Seal Number
Position: 0320
Group: Segment Group 8 (Equipment Details) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose: A segment specifying a seal number connected to a specific equipment named in the EQD.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

SEL+G220254'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	9308		SEAL NUMBER The number of a custom seal or another seal affixed to the containers or other transport unit.	M an..10
X	C215		SEAL ISSUER Identification of the issuer of a seal on equipment either by code or by name.	C
X		9303	Sealing party, coded Identification of the issuer of the seal number. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		9302	Sealing party Clear text, representing the name of the issuer of the seal number.	C an..35
X	4517		SEAL CONDITION, CODED To indicate the condition of a seal. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3

Group: **CPS** Segment Group 10: Consignment Packing Sequence
Position: 0370
Group:
Level: 1
Usage: Conditional (Required)
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
M	0380	CPS	Consignment Packing Sequence	M	1	
	0400		Segment Group 11: Package	C		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) Conditional (Required)
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes: CPS+1++4' Send 1 CPS loop for Each Container. Must send PAC after CPS.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	7164		HIERARCHICAL ID. NUMBER A unique number assigned by the sender to identify a level within a hierarchical structure.	M an..12
	7166		HIERARCHICAL PARENT ID. Identification number of the next higher hierarchical data segment in a hierarchical structure.	C an..12
>>	7075		PACKAGING LEVEL, CODED Indication of level of packaging specified.	C an..3
Use 4- No Packaging Hierarchy, the following PAC segment is mandatory. Send 1 CPS loop for each container. (1- Inner and 3- outer are reserved for future use)				
		1	Inner Level of packing, if it exists, that is immediately subordinate to the intermediate packaging level. Reserved for future use	
		3	Outer For packed merchandise, outermost level of packaging for a shipment. Reserved for future use	
		4	No packaging hierarchy There is no specifiable level of packaging: packaging is inner and outer level as well.	

Group: **PAC** Segment Group 11: Package
Position: 0400
Group: Segment Group 10 (Consignment Packing Sequence) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
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
M	0410	PAC	Package	M	1	
	0470		Segment Group 13: Package Identification	C		1000

Segment: **PAC** Package
Position: 0410 (Trigger Segment)
Group: Segment Group 11 (Package) Conditional (Optional)
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes: PAC+54++CTN90'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	7224		NUMBER OF PACKAGES 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.	C n..8
X	C531		PACKAGING DETAILS Packaging level and details, terms and conditions.	C
X		7075	Packaging level, coded Indication of level of packaging specified. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		7233	Packaging related information, coded Code giving packaging, handling and marking related information. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		7073	Packaging terms and conditions, coded Code identifying packaging terms and conditions. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
>>	C202		PACKAGE TYPE Type of package by name or by code from a specified source.	C
		7065	Type of packages identification Coded description of the form in which goods are presented. Contact AAM for container packaging codes, Identification of the container used the shipment of the items/parts identified in the following LIN segment.	C an..17
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		7064	Type of packages Description of the form in which goods are presented.	C an..35
X	C402		PACKAGE TYPE IDENTIFICATION Identification of the form in which goods are described.	C
X		7077	Item description type, coded Code indicating the format of a description. Refer to D.97A Data Element Dictionary for acceptable code values.	M an..3
X		7064	Type of packages Description of the form in which goods are presented.	M an..35
X		7143	Item number type, coded	C an..3

			Identification of the type of item number. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		7064	Type of packages	C an..35
			Description of the form in which goods are presented.	
X		7143	Item number type, coded	C an..3
			Identification of the type of item number. Refer to D.97A Data Element Dictionary for acceptable code values.	
X	C532		RETURNABLE PACKAGE DETAILS	C
			Indication of responsibility for payment and load contents of returnable packages.	
X		8395	Returnable package freight payment responsibility, coded	C an..3
			To indicate responsibility for payment of return freight charges for packaging that is returnable. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		8393	Returnable package load contents, coded	C an..3
			To indicate the composition of goods loaded into a returnable package. Refer to D.97A Data Element Dictionary for acceptable code values.	

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

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0480	PCI	Package Identification	M	1	
	0490	RFF	Reference	C	1	
Must Use	0510	GIR	Related Identification Numbers	C	99	

Segment: **PCI** Package Identification
Position: 0480 (Trigger Segment)
Group: Segment Group 13 (Package Identification) Conditional (Optional)
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes: PCI+16+0001'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
4233		MARKING INSTRUCTIONS, CODED Code indicating instructions on how specified packages or physical units should be marked.	C an..3
	16	Buyer's instructions Markings as specified by the buyer.	
	C210	MARKS & LABELS Shipping marks on packages in free text; one to ten lines.	C
M	7102	Shipping marks Marks and numbers identifying individual packages.	M an..35
X	7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
X	7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
X	7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
X	7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
X	7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
X	7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
X	7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
X	7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
X	8275	CONTAINER/PACKAGE STATUS, CODED Code to identify whether goods of separate description or comprising separate consignments are contained in the same external packaging or to indicate that a container or similar unit load device is empty. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	C827	TYPE OF MARKING Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).	C
X	7511	Type of marking, coded	M an..3

To specify the type of marking that reflects the method and the conventions adhered to for marking.

X **1131 Code list qualifier** C **an..3**

Identification of a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

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

Code identifying the agency responsible for a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

Segment: **RFF** Reference
Position: 0490
Group: Segment Group 13 (Package Identification) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment for referencing the package identification e.g. master label number.
Dependency Notes:
Semantic Notes:
Comments:
Notes: RFF+CN:392638'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3
			CN Carrier's reference number Reference number assigned by carrier to a consignment. The identification used by the carrier to track a package. This Data Element will only be used when CPS Data Element 7075 indicates code 3 or 4.	
			CW Package number (7070) Reference number identifying a package or carton within a consignment.	
			SN Seal number [9308] Identification number on Customs or other seals affixed to containers or other transport units.	
		1154	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C an..35
X		1156	Line number Number of the line in the document/message referenced in 1154 Reference number.	C an..6
X		4000	Reference version number To uniquely identify a reference by its revision number.	C an..35

Segment: **GIR** **Related Identification Numbers**
Position: 0510
Group: Segment Group 13 (Package Identification) Conditional (Optional)
Level: 4
Usage: Conditional (Required)
Max Use: 99
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

AAM will use Group 13 GIR segment for Master Label Information.

If Container Label type (1J) is also the Master label, then the "AW" (Serial shipping container code/LPN), the "AL" (Kanban card number/Pull signal), and the "AM" (Level number/Order ID) are sent here. Also send same (1J) label information on the GIR at segment group 15.

If the Master label is type (6J) and the pull signals on all the containers (1J) are the same, then send the "AL" (Kanban card number/Pull signal) here.

If the Master label is type (6J) and the Order IDs on all the containers are the same, then send "AM" (Level number /Order ID) here.

If Master label is Type (6J) and is for multi-pull (more than one pull signal on a pallet) or the Label is for a mixed load (5J) then the "AM" (Level number/Order ID) and the "AL" (Kanban card number/Pull signal) is sent on the GIR at Segment Group 15.

The "AW" (Serial shipping container code/LPN) is always sent here at segment group 13.

Example: GIR+3+012345678000030001:AW+12345:AL+231556:AM'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	7297		SET IDENTIFICATION QUALIFIER Identification of the type of set. 3 Package Related numbers identifying a package such as a bar code label number related to a Kanban card number, etc.	M an..3
M	C206		IDENTIFICATION NUMBER The identification of an object.	M
M		7402	Identity number The number given to an object for its unique identification.	M an..35
		7405	Identity number qualifier Code specifying the type/source of identity number.	C an..3
		AL	Kanban card number	
			Reference number assigned by a consignee to a Kanban card.	
		AM	Level number	
			Level number in a hierarchy or other structure.	
			Shipment Order ID	
		AW	Serial shipping container code	

A single unique serial number which identifies shipping containers or shipping packages.

Master Label LPN- MANDATORY, Must always send.

LPN = UN + 9 Character Supplier ship from site
DUNS# + 9 Digit unique identifier.

Must not repeat within 365 days.

X	C206	4405	Status, coded Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.	C	an..3
			IDENTIFICATION NUMBER The identification of an object.	C	
M		7402	Identity number The number given to an object for its unique identification.	M	an..35
		7405	Identity number qualifier Code specifying the type/source of identity number.	C	an..3
X	C206	4405	Status, coded Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.	C	an..3
			IDENTIFICATION NUMBER The identification of an object.	C	
M		7402	Identity number The number given to an object for its unique identification.	M	an..35
		7405	Identity number qualifier Code specifying the type/source of identity number.	C	an..3
X	C206	4405	Status, coded Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.	C	an..3
			IDENTIFICATION NUMBER The identification of an object.	C	
M		7402	Identity number The number given to an object for its unique identification.	M	an..35
		7405	Identity number qualifier Code specifying the type/source of identity number.	C	an..3
X	C206	4405	Status, coded Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.	C	an..3
			IDENTIFICATION NUMBER The identification of an object.	C	
M		7402	Identity number The number given to an object for its unique identification.	M	an..35
		7405	Identity number qualifier Code specifying the type/source of identity number.	C	an..3
X		4405	Status, coded Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.	C	an..3
			IDENTIFICATION NUMBER The identification of an object.	C	

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

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0560	LIN	Line Item	M	1	
	0570	PIA	Additional Product Id	C	10	
	0580	IMD	Item Description	C	25	
Must Use	0600	QTY	Quantity	C	10	
Must Use	0630	GIR	Related Identification Numbers	C	100	
	0690	FTX	Free Text	C	99	
	0710		Segment Group 16: Reference	C		99
	0880		Segment Group 20: Package Identification	C		9999

Segment: **LIN** Line Item
Position: 0560 (Trigger Segment)
Group: Segment Group 15 (Line Item) Conditional (Optional)
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes: LIN+++15562338:IN'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	1082		LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	C an..6
X	1229		ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be taken or already taken. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
>>	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
>>		7140	Item number A number allocated to a group or item. AAM Assigned Item/part number	C an..35
		7143	Item number type, coded Identification of the type of item number. IN Buyer's item number	C an..3
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	C829		SUB-LINE INFORMATION To provide an indication that a segment or segment group is used to contain sub-line or sub-line item information and to optionally enable the sub-line to be identified.	C
X		5495	Sub-line indicator, coded Indication that the segment and/or segment group is used for sub-line item information. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		1082	Line item number Serial number designating each separate item within a series of articles.	C an..6
X	1222		CONFIGURATION LEVEL Number indicating the level of an object which is in a hierarchy.	C n..2
X	7083		CONFIGURATION, CODED Code indicating the status of the sub-line item in the configuration. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3

Segment: **PIA** Additional Product Id
Position: 0570
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment providing additional product identification.
Dependency Notes:
Semantic Notes:
Comments:
Notes: PIA+1+2000:RY'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4347		PRODUCT ID. FUNCTION QUALIFIER Indication of the function of the product code. 1 Additional identification Information which specifies and qualifies product identifications.	M an..3
M	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	M
		7140	Item number A number allocated to a group or item.	C an..35
		7143	Item number type, coded Identification of the type of item number. EC Engineering change level Reference number indicating that a change or revision has been applied to an article's specification. RY Record keeping of model year	C an..3
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
		7140	Item number A number allocated to a group or item.	C an..35
		7143	Item number type, coded Identification of the type of item number.	C an..3
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
X		7140	Item number	C an..35

			A number allocated to a group or item.	
X		7143	Item number type, coded	C an..3
			Identification of the type of item number. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		1131	Code list qualifier	C an..3
			Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	
X	C212		ITEM NUMBER IDENTIFICATION	C
			Goods identification for a specified source.	
X		7140	Item number	C an..35
			A number allocated to a group or item.	
X		7143	Item number type, coded	C an..3
			Identification of the type of item number. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		1131	Code list qualifier	C an..3
			Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	
X	C212		ITEM NUMBER IDENTIFICATION	C
			Goods identification for a specified source.	
X		7140	Item number	C an..35
			A number allocated to a group or item.	
X		7143	Item number type, coded	C an..3
			Identification of the type of item number. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		1131	Code list qualifier	C an..3
			Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	

Segment: **IMD** Item Description
Position: 0580
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 25
Purpose: A segment for describing the product being despatched. This segment should be used for products that cannot be identified by a product code or article number.

Dependency Notes:

Semantic Notes:

Comments:

Notes: IMD++++:::BRACKET 0802'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
X	7077		ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	7081		ITEM CHARACTERISTIC, CODED Code specifying the item characteristic being described. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
	C273		ITEM DESCRIPTION Description of an item.	C
X		7009	Item description identification Code from an industry code list which provides specific data about a product characteristic.	C an..17
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
		7008	Item description Plain language description of articles or products.	C an..35
		7008	Item description Plain language description of articles or products.	C an..35
X		3453	Language, coded Code of language (ISO 639-1988).	C an..3
X	7383		SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3

Segment: **QTY** Quantity
Position: 0600
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Required)
Max Use: 10
Purpose: A segment to give quantity information concerning the product.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

The quantity values sent here is the individual container detail quantities.
 QTY+3:827792:C62' - Represents the running cumulative quantity.
 QTY+12:2128:C62' - Represents the individual container quantity.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M
M		6063	Quantity qualifier Code giving specific meaning to a quantity. Must send "12" Despatch Quantity	M an..3
			3 Cumulative quantity	
			12 Despatch quantity	
			47 Quantity despatched by the seller.	
			Invoiced quantity	
			The quantity as per invoice.	
M		6060	Quantity Numeric value of a quantity.	M n..15
>>		6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. For Code value see UN/ECE recommendation No. 20. This must match value sent on DELFOR or DELJIT.	C an..3

Segment: **GIR** **Related Identification Numbers**
Position: 0630
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Required)
Max Use: 100
Purpose: A segment providing sets of related identification numbers for a line item, e.g. engine number, chassis number and transmission number for a vehicle.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

AAM will use Group 15 GIR segment for Container Label Info.

This GIR represents the container in which previous the LIN (ITEM) and QTY (container quantity) values are transported in.

Always send individual container label (1J) information.

LPN = UN+ 9 Character Supplier Site ship from DUNS# + 9 digit unique identifier

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	7297		SET IDENTIFICATION QUALIFIER Identification of the type of set. Refer to D.97A Data Element Dictionary for acceptable code values.	M an..3
M	C206		IDENTIFICATION NUMBER The identification of an object.	M
M		7402	Identity number The number given to an object for its unique identification.	M an..35
		7405	Identity number qualifier Code specifying the type/source of identity number.	C an..3
		AL	Kanban card number Reference number assigned by a consignee to a Kanban card. Return Pull signal from DELJIT if sent.	
		AM	Level number Level number in a hierarchy or other structure. Shipment Order ID- Return from DELJIT, mandatory, must send.	
		AQ	Release number Number assigned to a release. Return value sent on DELJIT.	
		AW	Serial shipping container code A single unique serial number which identifies shipping containers or shipping packages. Container Label LPN is MANDATORY, Must send. LPN = UN+9 character Supplier ship from site DUNS number + 9 digit unique identifier. Must not repeat within 365 days.	
		BX	Batch number	

Unique number affixed by manufacturer to a batch of products produced under similar conditions.
 Item Lot Number.

		4405	Status, coded	C	an..3
			Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.		
	C206		IDENTIFICATION NUMBER	C	
			The identification of an object.		
M		7402	Identity number	M	an..35
			The number given to an object for its unique identification.		
		7405	Identity number qualifier	C	an..3
			Code specifying the type/source of identity number. Refer to D.97A Data Element Dictionary for acceptable code values.		
		4405	Status, coded	C	an..3
			Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.		
	C206		IDENTIFICATION NUMBER	C	
			The identification of an object.		
M		7402	Identity number	M	an..35
			The number given to an object for its unique identification.		
		7405	Identity number qualifier	C	an..3
			Code specifying the type/source of identity number. Refer to D.97A Data Element Dictionary for acceptable code values.		
		4405	Status, coded	C	an..3
			Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.		
	C206		IDENTIFICATION NUMBER	C	
			The identification of an object.		
M		7402	Identity number	M	an..35
			The number given to an object for its unique identification.		
		7405	Identity number qualifier	C	an..3
			Code specifying the type/source of identity number. Refer to D.97A Data Element Dictionary for acceptable code values.		
		4405	Status, coded	C	an..3
			Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.		
	C206		IDENTIFICATION NUMBER	C	
			The identification of an object.		
M		7402	Identity number	M	an..35
			The number given to an object for its unique identification.		
		7405	Identity number qualifier	C	an..3
			Code specifying the type/source of identity number. Refer to D.97A Data Element Dictionary for acceptable code values.		
		4405	Status, coded	C	an..3
			Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.		

Segment: **FTX** Free Text
Position: 0690
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment with free text information in coded or clear form to give further clarification, when required, to the line item. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

FTX+AAI+++UNPAINTED AXLE TUBE FOR PLT 6'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text. AAI General information	M an..3
X	4453		TEXT FUNCTION, CODED Code specifying how to handle the text. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	C107		TEXT REFERENCE Coded reference to a standard text and its source.	C
X		4441	Free text identification Free text in coded form.	M an..17
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
	C108		TEXT LITERAL Free text; one to five lines.	C
M		4440	Free text Free text field available to the message sender for information.	M an..70
X		4440	Free text Free text field available to the message sender for information.	C an..70
X		4440	Free text Free text field available to the message sender for information.	C an..70
X		4440	Free text Free text field available to the message sender for information.	C an..70
X		4440	Free text Free text field available to the message sender for information.	C an..70
X	3453		LANGUAGE, CODED Code of language (ISO 639-1988).	C an..3

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

Segment Summary

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

Segment: **RFF** Reference
Position: 0720 (Trigger Segment)
Group: Segment Group 16 (Reference) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying documents related to the line item.
Dependency Notes:
Semantic Notes:
Comments:
Notes: RFF+ON:9NI0031'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number. ON Order number (purchase) [1022] Reference number assigned by the buyer to an order.	M an..3
>>		1154	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. AAM Purchase order number Authorizing shipment for Item defined on the preceding LIN segment.	C an..35
X		1156	Line number Number of the line in the document/message referenced in 1154 Reference number.	C an..6
X		4000	Reference version number To uniquely identify a reference by its revision number.	C an..35

Group: **PCI** Segment Group 20: Package Identification
Position: 0880
Group: Segment Group 15 (Line Item) Conditional (Optional)
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.

Segment Summary

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

Dependency Notes:

Semantic Notes:

Comments:

Notes: PCI+15+167496'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	4233		MARKING INSTRUCTIONS, CODED Code indicating instructions on how specified packages or physical units should be marked. 15 Mark supplier number	C an..3
	C210		MARKS & LABELS Shipping marks on packages in free text; one to ten lines.	C
M		7102	Shipping marks Marks and numbers identifying individual packages.	M an..35
		7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
		7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
		7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
		7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
		7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
		7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
		7102	Shipping marks Marks and numbers identifying individual packages.	C an..35
X	8275		CONTAINER/PACKAGE STATUS, CODED Code to identify whether goods of separate description or comprising separate consignments are contained in the same external packaging or to indicate that a container or similar unit load device is empty. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	C827		TYPE OF MARKING Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).	C
X		7511	Type of marking, coded To specify the type of marking that reflects the method and the conventions	M an..3

X	1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C	an..3
X	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C	an..3

Segment: **MEA** Measurements
Position: 0910
Group: Segment Group 20 (Package Identification) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment specifying physical measurements of packages.
Dependency Notes:
Semantic Notes:
Comments:
Notes: MEA+PD+WT+LBR:0005500'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. PD Physical dimensions (product ordered) Specified measurement dimensions refer to physical dimensions of a product, material or package.	M an..3
	C502		MEASUREMENT DETAILS Identification of measurement type.	C
		6313	Property measured, coded Specification of the property measured. LN Length dimension (6168) Length of pieces or packages stated for transport purposes. TH Thickness WD Width dimension Numeric value of width. WT Weight [6150] Numeric value of weight.	C an..3
X		6321	Measurement significance, coded Code specifying the significance of a measurement value. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		6155	Measurement attribute identification Code used to specify non-discrete measurement values. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..17
X		6154	Measurement attribute To specify non-discrete measurement values.	C an..70
	C174		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.	C
M		6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. For code value see UN/ECE Recommendation No. 20.	M an..3
		6314	Measurement value Value of the measured unit. Actual weight	C an..18
X		6162	Range minimum Minimum of a range.	C n..18

X	6152	Range maximum Maximum of a range.	C	n..18
X	6432	Significant digits To specify the number of significant digits.	C	n..2
X	7383	SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described. Refer to D.97A Data Element Dictionary for acceptable code values.	C	an..3

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.

Dependency Notes:

Semantic Notes:

Comments:

Notes: QTY+12:5500:LBR'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M
M		6063	Quantity qualifier Code giving specific meaning to a quantity. 12 Despatch quantity Quantity despatched by the seller.	M an..3
M		6060	Quantity Numeric value of a quantity.	M n..15
		6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. For Code value see UN/ECE Recommendation No. 20.	C an..3

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

Segment Summary

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

Segment: **GIN** Goods Identity Number
Position: 0940 (Trigger Segment)
Group: Segment Group 21 (Goods Identity Number) Conditional (Optional)
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment providing identification numbers being applied to the packages despatched.
Dependency Notes:
Semantic Notes:
Comments:
Notes: GIN+BX+M94268'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	7405		IDENTITY NUMBER QUALIFIER Code specifying the type/source of identity number.	M an..3
			Batch number	
		BX	Batch number Unique number affixed by manufacturer to a batch of products produced under similar conditions.	
M	C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	M
M		7402	Identity number The number given to an object for its unique identification.	M an..35
			Heat Code for Primary Metal	
		7402	Identity number The number given to an object for its unique identification.	C an..35
	C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	C
M		7402	Identity number The number given to an object for its unique identification.	M an..35
		7402	Identity number The number given to an object for its unique identification.	C an..35
	C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	C
M		7402	Identity number The number given to an object for its unique identification.	M an..35
		7402	Identity number The number given to an object for its unique identification.	C an..35
	C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	C
M		7402	Identity number The number given to an object for its unique identification.	M an..35
		7402	Identity number The number given to an object for its unique identification.	C an..35
	C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	C

M

7402 Identity number

The number given to an object for its unique identification.

M an..35

7402 Identity number

The number given to an object for its unique identification.

C an..35

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.

Dependency Notes:

Semantic Notes:

Comments:

Notes: UNT+47+00000000005877'

Data Element Summary

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

Example 1. Standard Pack.

Master Label

LPN 123456789876543210

Pull Number 17001

Total Packs: 4

Total Qty: 1296

Same containers same pull

Container Labels

Pull# 17001 Part#09439561 Total Packs: 1 Qty: 324 Order ID: 1037651 LPN: UN123456789876543212	Pull# 17001 Part#09439561 Total Packs: 1 Qty: 324 Order ID: 1037651 LPN: UN123456789876543213
Pull# 17001 Part#09439561 Total Packs: 1 Qty: 324 Order ID: 1037651 LPN: UN123456789876543214	Pull# 17001 Part#09439561 Total Packs: 1 Qty: 324 Order ID: 1037651 LPN: UN123456789876543215

Segment Description

Header	UNB+UNOA:2+012345678:01+XLP:ZZ+031217:1456+0000000000119++AAMDESADV'	
Wrapper	UNH+0000000000139+DESADV:D:97A:UN'	
Packslip #	BGM++299163+9'	
Date Time	DTM+132:200312171530:203'	
Date Time	DTM+137:200312171456:203'	
Date Time	DTM+11:200312171504:203'	Ship Date
Despatch	MEA+AAX+G+LBR:1530'	
Measurement	MEA+AAX+N+LBR:1430'	Gross/Net Weight
Measurement	MEA+AAX+SQ+C62:1'	Total No Of Lading Units (Containers)
Bill of Lading	RFF+MB:299163'	
Invoice Number	RFF+IV:67890'	Invoice Number
Name/Address	NAD+MI+808844567::16'	
Name/Address	NAD+ST+808844567::16'	
Dock/Locator	LOC+11+RAWPLT3'	RAWPLT3
Supplier DUNS	NAD+SU+123456789::16'	1234456789
Name/Address	NAD+IV+808844567::16'	Invoicing Address (Billing)
Transport Det.	TDT+12++J++PLOG::182'	SCAC Code
Equip. Trailer	EQD+TE+46574'	(Future Integration to STARS System)
Beg Item Loop	CPS+1++4'	
# of Packages	PAC+4++00005131'	Container Part# and Quantity
Mandatory	PCI+16+0001'	
PRO #	RFF+CN:392639'	
Related ID #'s	GIR+3+UN123456789876543210:AW+17001:AL+1037651:AM'	LPN, Pull & ID#
Line Item	LIN+++09439561:IN'	Part Number
Additional Data	PIA+1+9:RY'	Record Keeping of Model Year
Item Desc.	IMD+++:: BEARING 0603'	Bearing
Cum Qty	QTY+3:233280:C62'	
Dispatch Qty	QTY+12:324:C62'	1296 Total Qty for Master Pack
Invoice Qty	QTY+47:324:C62'	Invoice Quantity
Related ID #'s	GIR+3+UN123456789876543212:AW+17001:AL+12345:AQ+20052:BX+1037651:AM'	Container LPN, Pull#, Release#, Lot#, Order ID
Order #	RFF+ON:9NI0184'	AAM Purchase Order
Line Item	LIN+++09439561:IN'	Part Number
Additional Data	PIA+1+9:RY'	Record Keeping of Model Year
Item Desc.	IMD+++:: BEARING 0603'	Bearing
Cum Qty	QTY+3:233280:C62'	
Dispatch Qty	QTY+12:324:C62'	1296 Total Qty for Master Pack
Invoice Qty	QTY+47:324:C62'	Invoice Quantity
Related ID #'s	GIR+3+UN123456789876543213:AW+17001:AL+12345:AQ+20052:BX+1037651:AM'	Container LPN, Pull#, Release#, Lot#, Order ID
Order #	RFF+ON:9NI0184'	AAM Purchase Order
Line Item	LIN+++09439561:IN'	Part Number

Additional Data	PIA+1+9:RY'		Record Keeping of Model Year
Item Desc.	IMD+++:: BEARING	0603'	Bearing
Cum Qty	QTY+3:233280:C62'		
Dispatch Qty	QTY+12:324:C62'		1296 Total Qty for Master Pack
Invoice Qty	QTY+47:324:C62'		Invoice Quantity
Related ID #'s	GIR+3+UN123456789876543214:		Container LPN, Pull#, Release#, Lot#, Order ID
			AAM Purchase Order
Order #	RFF+ON:9NI0184'		
Line Item	LIN+++09439561:IN'		Part Number
Additional Data	PIA+1+9:RY'		Record Keeping of Model Year
Item Desc.	IMD+++:: BEARING	0603'	Bearing
Cum Qty	QTY+3:233280:C62'		
Dispatch Qty	QTY+12:324:C62'		1296 Total Qty for Master Pack
Invoice Qty	QTY+47:324:C62'		Invoice Quantity
Related ID #'s	GIR+3+UN123456789876543215:		Container LPN, Pull#, Release#, Lot#, Order ID
			AAM Purchase Order
Order #	RFF+ON:9NI0184'		
Trailer/Wrapper	UNT+69+00000000000139'		

Master Label – multi pull

LPN UN012345678300012
 Total Packs: 4
 Total Qty: 8512
 All The same Container BOX71

Pull# 10105 Part#00142223 Total Packs: 1 Qty/Pack: 2128 Total Qty: 2128 Order ID: 1037660 LPN: UN012345678000001	Pull# 10105 Part#00142223 Total Packs: 1 Qty/Pack: 2128 Total Qty: 2128 Order ID: 1037660 LPN: UN012345678000002
Pull# 10106 Part#00142223 Total Packs: 1 Qty/Pack: 2128 Total Qty: 2128 Order ID: 1037661 LPN: UN012345678000003	Pull# 10106 Part#00142223 Total Packs: 1 Qty/Pack: 2128 Total Qty: 2128 Order ID: 1037661 LPN: UN012345678000004

Master Label- Mixed load- multi pull

LPN UN012345678300020
 Total Packs: 3
 Total Qty: 5456
 Different containers on same pallet

Pull# 10422 Part#00142223 Total Packs: 1 Qty/Pack: 2128 Total Qty: 2128 Order ID: 1037662 LPN: UN012345678000005 BOX71	Pull# 41045 Part#09428909 Total Packs: 1 Qty/Pack: 1872 Total Qty: 1872 Order ID: 1037671 LPN: UN012345678000006 BOX77	Pull# 41046 Part#09436882 Total Packs: 1 Qty/Pack: 1456 Total Qty: 1456 Order ID: 1037699 LPN: UN012345678000007 BOX85
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UNB+UNOA:1+012345678:01+XLP:ZZ+031217:0954+00000000006230++DESADV'
 UNH+00000000005877+DESADV:D:97A:UN'
 BGM+351+398157+9'
 DTM+132:200312170945:203'
 DTM+137:200312170931:203'
 DTM+11:200312170931:203'
 MEA+AAX+G+LBR:4518'
 MEA+AAX+N+LBR:3830'
 MEA+AAX+SQ+C62:7'
 RFF+MB:398157'
 RFF+IV:23457'
 NAD+MI+808844567::16'
 NAD+ST+808844567::16'
 LOC+11+DOCK 2'
 NAD+SU+012345678::16'
 NAD+IV+808844567::16'
 TDT+12++LT++GRTE::182'
 EQD+TE+248324'
 CPS+1++4'
 PAC+4++BOX71'
 PCI+16+0001'
 RFF+CN:392638'
 GIR+3+UN012345678300012:AW'
 LIN+++00142223:IN'
 PIA+1+7:RY'
 IMD+++::RACE 0603'
 QTY+3:827792:C62'
 QTY+12:2128:C62'
 QTY+47:2128:C62'
 GIR+3+UN012345678000001:AW+10105:AL+35:AQ+1037660:AM+10223:BX'
 RFF+ON:9NI0153'
 LIN+++00142223:IN'
 PIA+1+7:RY'
 IMD+++::RACE 0603'
 QTY+3:827792:C62'
 QTY+12:2128:C62'
 QTY+47:2128:C62'
 GIR+3+UN012345678000002:AW+10105:AL+35:AQ+1037660:AM+10223:BX'
 RFF+ON:9NI0153'
 LIN+++00142223:IN'
 PIA+1+7:RY'
 IMD+++::RACE 0603'
 QTY+3:827792:C62'
 QTY+12:2128:C62'
 QTY+47:2128:C62'
 GIR+3+UN012345678000003:AW+10106:AL+36:AQ+1037661:AM+10224:BX'

RFF+ON:9NI0153'
 LIN+++00142223:IN'
 PIA+1+7:RY'
 IMD+++:::RACE 0603'
 QTY+3:827792:C62'
 QTY+12:2128:C62'
 QTY+47:2128:C62'
 GIR+3+UN012345678000004:AW+10106:AL+36:AQ+1037661:AM+10224:BX'
 RFF+ON:9NI0153'
 CPS+2++4'
 PAC+1++BOX71'
 PCI+16+0001'
 RFF+CN:392638'
 GIR+3+UN012345678300020:AW'
 LIN+++00142223:IN'
 PIA+1+7:RY'
 IMD+++::: RACE 0603'
 QTY+3:829920:C62'
 QTY+12:2128:C62'
 QTY+47:2128:C62'
 GIR+3+UN012345678000005:AW+10422:AL+36:AQ+1037662:AM+10431:BX'
 RFF+ON:9NI0153'
 CPS+3++4'
 PAC+1++BOX77'
 PCI+16+0001'
 RFF+CN:392638'
 GIR+3+UN012345678300020:AW'
 LIN+++09428909:IN'
 PIA+1+7:RY'
 IMD+++:::BEARING 0603'
 QTY+3:524160:C62'
 QTY+12:1872:C62'
 QTY+47:1872:C62'
 GIR+3+UN012345678000006:AW+41045:AL+3:AQ+1037671:AM'
 RFF+ON:9NI0153'
 CPS+4++4'
 PAC+1++BOX85'
 PCI+16+0001'
 RFF+CN:392638'
 GIR+3+UN012345678300020:AW'
 LIN+++09436882:IN'
 PIA+1+7:RY'
 IMD+++:::BEARING 0603'
 QTY+3:808080:C62'
 QTY+12:1456:C62'
 QTY+47:1456:C62'
 GIR+3+UN012345678000007:AW+41046:AL+237:AQ+1037699:AM'
 RFF+ON:9NI0153'
 UNT+93+00000000005877'

Example 3.

Container Label is the Master label (1J).

Pull# 18000 Part#09439561 Total Packs: 1 Qty: 324 Order ID: 1037891 LPN: UN123456789012345678
--

```

UNB+UNOA:1+012345678:01+XLP:ZZ+031217:0954+00000000006230++DESADV'
UNH+00000000006230+DESADV:D:97A:UN'
BGM+351+398160+9'
DTM+132:200312170945:203'
DTM+137:200312170931:203'
DTM+11:200312170931:203'
MEA+AAX+G+LBR:4518'
MEA+AAX+N+LBR:3830'
MEA+AAX+SQ+C62:1'
RFF+CN:23457-1'
NAD+MI+808844567::16'
NAD+ST+808844567::16'
LOC+11+DOCK 2'
NAD+SU+012345678::16'
TDT+12++LT++RDWY::182'
EQD+TE+12345'
CPS+1++4'
PAC+1++BOX71'
PCI+16+0001'
RFF+CN:23457-1'
GIR+3+UN123456789012345678:AW+18000:AL+1037891:AM'
LIN+++09439561:IN'
PIA+1+7:RY'
IMD+++:::RACE 0603'
QTY+3:827792:C62'
QTY+12:324:C62'
GIR+3+UN123456789012345678:AW+18000:AL+35:AQ+1037891:AM'
RFF+ON:9NI0153'
UNT+27+00000000006230'
    
```

Example 4. Mixed pull and loads alternative method.

Master Label – multi pull

LPN UN 012345678300012

Total Packs: 4

Total Qty: 8512

Pull# 10105 Part#00142223 Total Packs: 1 Qty/Pack: 2128 Total Qty: 2128 Order ID: 1037660 LPN: UN012345678000001	Pull# 10105 Part#00142223 Total Packs: 1 Qty/Pack: 2128 Total Qty: 2128 Order ID: 1037660 LPN: UN012345678000002
Pull# 10106 Part#00142223 Total Packs: 1 Qty/Pack: 2128 Total Qty: 2128 Order ID: 1037661 LPN: UN012345678000003	Pull# 10106 Part#00142223 Total Packs: 1 Qty/Pack: 2128 Total Qty: 2128 Order ID: 1037661 LPN: UN012345678000004

Master Label- Mixed load

LPN UN 012345678300020

Total Packs: 3

Total Qty: 5456

Pull# 10422 Part#00142223 Total Packs: 1 Qty/Pack: 2128 Total Qty: 2128 Order ID: 1037662 LPN: UN012345678000005	Pull# 41045 Part#09428909 Total Packs: 1 Qty/Pack: 1872 Total Qty: 1872 Order ID: 1037671 LPN: UN012345678000006	Pull# 41046 Part#09436882 Total Packs: 1 Qty/Pack: 1456 Total Qty: 1456 Order ID: 1037699 LPN: UN012345678000007
--	--	--

```

UNB+UNOA:1+012345678:01+XLP:ZZ+031217:0954+00000000006230++DESADV'
UNH+00000000005877+DESADV:D:97A:UN'
BGM+351+398157+9'
DTM+132:200312170945:203'
DTM+137:200312170931:203'
DTM+11:200312170931:203'
MEA+AAX+G+LBR:4518'
MEA+AAX+N+LBR:3830'
MEA+AAX+SQ+C62:7'
RFF+MB:398157'
RFF+IV:23457'
NAD+MI+808844567::16'
NAD+ST+808844567::16'
LOC+11+DOCK 2'
NAD+SU+012345678::16'
NAD+IV+808844567::16'
TDT+12++LT++GRTE::182'
EQD+TE+248324'
CPS+1++4'
PAC+1++BOX71'
PCI+16+0001'
RFF+CN:392638'
GIR+3+UN 012345678300012:AW'
LIN+++00142223:IN'
PIA+1+7:RY'
IMD+++:::RACE 0603'
QTY+3:827792:C62'
QTY+12:2128:C62'
QTY+47:2128:C62'
GIR+3+UN012345678000001:AW+10105:AL+35:AQ+1037660:AM+10223:BX'
RFF+ON:9NI0153'
CPS+2++4'
PAC+1++BOX71'
PCI+16+0001'
RFF+CN:392638'
GIR+3+UN012345678300012:AW'
LIN+++00142223:IN'
PIA+1+7:RY'
IMD+++:::RACE 0603'
QTY+3:827792:C62'
QTY+12:2128:C62'
QTY+47:2128:C62'
GIR+3+UN012345678000002:AW+10105:AL+35:AQ+1037660:AM+10223:BX'
RFF+ON:9NI0153'
CPS+3++4'
    
```

PAC+1++BOX71'
 PCI+16+0001'
 RFF+CN:392638'
 GIR+3+UN 012345678300012:AW'
 LIN+++00142223:IN'
 PIA+1+7:RY'
 IMD+++:::RACE 0603'
 QTY+3:827792:C62'
 QTY+12:2128:C62'
 QTY+47:2128:C62'
 GIR+3+UN012345678000003:AW+10106:AL+36:AQ+1037661:AM+10224:BX'
 RFF+ON:9NI0153'
 CPS+4++4'
 PAC+1++BOX71'
 PCI+16+0001'
 RFF+CN:392638'
 GIR+3+UN012345678300012:AW'
 LIN+++00142223:IN'
 PIA+1+7:RY'
 IMD+++:::RACE 0603'
 QTY+3:827792:C62'
 QTY+12:2128:C62'
 QTY+47:2128:C62'
 GIR+3+UN012345678000004:AW+10106:AL+36:AQ+1037661:AM+10224:BX'
 RFF+ON:9NI0153'
 CPS+5++4'
 PAC+1++BOX71'
 PCI+16+0001'
 RFF+CN:392638'
 GIR+3+UN012345678300020:AW'
 LIN+++00142223:IN'
 PIA+1+7:RY'
 IMD+++:::RACE 0603'
 QTY+3:829920:C62'
 QTY+12:2128:C62'
 QTY+47:2128:C62'
 GIR+3+UN012345678000005:AW+10422:AL+36:AQ+1037662:AM+10431:BX'
 RFF+ON:9NI0153'
 CPS+6++4'
 PAC+1++BOX71'
 PCI+16+0001'
 RFF+CN:392638'
 GIR+3+UN 012345678300020:AW'
 LIN+++09428909:IN'
 PIA+1+7:RY'
 IMD+++:::BEARING 0603'
 QTY+3:524160:C62'
 QTY+12:1872:C62'
 QTY+47:1872:C62'
 GIR+3+UN012345678000006:AW+41045:AL+3:AQ+1037671:AM'
 RFF+ON:9NI0153'
 CPS+7++4'
 PAC+1++BOX71'
 PCI+16+0001'
 RFF+CN:392638'
 GIR+3+UN012345678300020:AW'
 LIN+++09436882:IN'
 PIA+1+7:RY'
 IMD+++:::BEARING 0603'
 QTY+3:808080:C62'
 QTY+12:1456:C62'
 QTY+47:1456:C62'
 GIR+3+UN012345678000007:AW+41046:AL+237:AQ+1037699:AM'
 RFF+ON:9NI0153'
 UNT+108+0000000005877'

LPN Description

Master Label LPN → UN+9 Char DUNS# + 9 Char Unique Sequence#

Container Label LPN → UN+9 Char DUNS# + 9 Char Unique Sequence#

EDIFACT UNIT of MEASURE Codes

- All EDIFACT unit of measure qualifiers recognized by American Axle.
- An ANSI X-12 Equivalent column, for information only. *Use of X-12 unit of measure qualifiers on EDIFACT documents will result in document rejection.*
- Unit of measure selection should be logical, reflecting the nature of what is being measured.

American Axle EDIFACT is based on the EDIFACT D.97A standard.

- The American Axle standard refers to “UN/ECE Recommendation no. 20” list of EDIFACT unit of measure qualifiers
- This document can be found on the internet at: <http://www.unece.org/cefact/rec/rec20en.htm>

EDIFACT Unit of Measure Qualifier	MEANING	ANSI X-12 Equivalent (Do Not Use)
BG	bag	BG
BFT	board foot	BF
BX	box	BX
CA	can	CN
CT	carton	CT
FTQ	feet cubed	CF
INQ	inch cubed	CI
CMT	centimeter	CM
CS	case	CA
CH	container	CH
CWA	hundred pounds	CW
YDQ	yard cubed	CY
DAY	day	DA
DZN	dozen	DZ
DR	drum	DR
EA	each	EA
FOT	foot	FT
GLL	gallon	GA
GRM	gram	GR
GRO	gross	GS
GT	gross ton	TG
HUR	hour	HR
INH	inch	IN
KGM	kilograms	KG
KT	kit	KT
28	Kg/M^2	KM
LTR	liter	LT
LBR	pounds	LB
NL	load	NL
LF	linear foot	LF
LI	linear inch	LI
LO	lot	LO
LY	linear yard	LY
MD	metric air dry tons	MD
GT	metric gross tons	MG
SMI	mile	DH
MIN	minutes	MJ
E5	metric long tons	MT
MMT	millimeter	MM
NT	metric net tons	MN
MON	month	MO
TNE	metric tons	MP
MTR	meter	MR
OZ	ounce	OZ
PD	pad	PD
PL	pail	PA
C62	pieces/ C62 - one	PC
PK	package	PK
PT	Pint	PT
PR	pair	PR

EDIFACT Unit of Measure Qualifier	MEANING	ANSI X-12 Equivalent (Do Not Use)
QT	quart	QT
RM	ream	RM
RO	roll	RL
CMK	centimeter square	SC
SET	set	ST
FTK	foot square	SF
INK	inch square	SI
YDK	yard square	SY
STN	ton	TN
APZ	troy ounce	TO
TU	tube	TB
WEE	week	WK
YRD	yard	YD
ANN	year	YR