



DESADV Despatch advice message

EDIFACT/D07A/DESADV : DESADV Despatch advice message

Version: 1.2 Final

Company:

LUCID Motors

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Notes

The Lucid Motors Advanced Ship Notice or ASN (EDIFACT DESADV) is used to transmit details of a shipment delivery arriving at Lucid Motors.

Lucid Motors uses a STPI structure for the ASN. Thus, the structure is as follows:

- SHIPMENT (S) Data that applies to the whole shipment, such as bill of lading number, lading quantity, supplier code, etc.
- TARE (T) Data related to a shipping container, such as a pallet.
- PACK (P) Data related to the package, carton, etc. in which the item is shipped, such as serial numbers.
- ITEM (I) Data related to the product being shipped.

Please note that

- Only the elements and sub-elements that are used in the transaction are present in the guide to improve readability.
- Segments, elements and sub-elements are described as "Used" and "Must use". When they are marked as "Used", they are optional fields; when they are marked as "Must use", they are mandatory fields.

FREQUENCY: Before each shipment arrives at Lucid Motors: **ASN'S MUST BE TRANSMITTED AND RECEIVED BY LUCID WITHIN 15 MINUTES OF THE SHIPMENT LEAVING THE SHIPPER FACILITY. THE RECEIPT OF THE CONTRL IS THE ACCEPTANCE POINT OF THIS TRANSACTION**

TRANSMITTED FROM: Suppliers

TRANSMITTED TO: Lucid Motors

INCLUDED IN THE DESADV:

- Purchase Order/Scheduling Agreement Number
- Purchase Order/Scheduling Agreement Line Number
- Release Number
- Country of Origin
- Part number
- Quantity dispatched
- DSV Load ID.
- Packaging serials for all containers, i.e., cartons, pallets.
- See additional information in Business Rules

BUSINESS RULES - DESADV

- One ASN per Shipment, Ship To and Ship From location
- One ASN per Ocean Container and/or Truck
- Each carton and/or master pallet must only contain one Release Number
- Required on all ASNs:
 - Total carton count for shipment (MEA)
 - Carton Count for pallet (for CP303=3 carton count is in QTY0460, CPS03=1 or 4 carton count is in PAC loop).
 - When QTY is standalone or inner container, the quantity is the part count in the carton. When QTY is in the pallet, then QTY010=52 is Mandatory for every level. When CPS030=1 (inner pack) or 4 (no packaging hierarchy), the value is quantity per pack. When CPS030=3 (pallet), the value is the carton count on the pallet.
 - Part Count for each box
 - A total carton count is required for each 6J and 5J License Plate/Pallet.
 - A carton contains one part number.
 - Purchase Order or Schedule Agreement number
 - PO/SA Line-Item number
 - Release number

- One release number per part in pack and master pallet
- All International ASNs must use the Country-of-Origin segment as the ultimate country of manufacture identifier
- Scheduling Agreement and Purchase Order demand can be mixed on the ASN but each pack and/or master pallet must only contain one Release Number
- All label info to be included in ASN (Part Number, ASN Number, Supplier Number, Master and Carton Label License Plate Serial Numbers, Purchase Order and Schedule Agreement Numbers, Quantity at Master and Carton level, Ship To Address, Ship From Address). Lucid's Label Specification Guide is available on our EDI portal.
- All packaging serials for containers and pallets must be included in ASN to ensure accurate pick pack ship.

EDI “TURNAROUND DATA”

Lucid requires certain data returned in your ASN **EXACTLY** like you received it in your latest EDI DELJIT message. This includes the following data items:

Business Data	DELJIT Location
Buyer	NAD02:BY
Buyer's parent company	NAD02:FD
Importer	NAD02:IM
Ship From	NAD02:SF
Ship to (Plant ID)	NAD02:ST
Purchase Order or Schedule Agreement Number	PIA02
Item Number	PIA03
Part Number	LIN03
Release Number	RFF01
Quantity (Detail)	QTY01_03
Ship To Street Address	NAD02:ST
Ship To City	NAD02:ST
Ship To Zip Code	NAD02:ST
Ship To Country	NAD02:ST
Plant ID	NAD02:ST

GLOSSARY OF TERMS

- Product >> Name of part/product being sold by supplier and bought by customer
- Product Serial >> Unique identifier for each physical piece
 - Etched / stamped / embedded / bolted etc. on product
 - Follows that product for its life
 - Retired after product is retired / destroyed
- Returnable Container >> Parallels a product name, in that it is a name that can be applied to containers of which all have the same size, structure, weight, material construct, etc.
- Returnable Container Serial >> Unique identifier for each physical container
 - Etched / stamped / embedded /etc. on container i.e., like RFID
 - Follows that container for its life
 - Retired after container is retired / destroyed
- Shipping Serial >> Unique identifier printed on a label that can be removed from container
 - Also known as License Plate, License Plate Serial, Container Serial, Mix / Master / Pack Serial, Barcoded Label Serial, Label Serial.
- Release number >> Unique identifier for a specific release of material.
 - Also known as Release Authorization Number
 - The Release number will be provided in two formats
 - For Standard and Framework orders the Format will be: Purchase order number + Order Line Item number + 0001 Final length = 19 digits
 - Schedule agreement release number format will be: Purchase order number+ Order Line Item number + Schedule line number. Final length = 19 digits *(THIS IS NOT PROVIDED IN THE ORDERS. IT IS PROVIDED IN THE DELJIT AS A SINGLE 19 DIGIT NUMBER)*

NOTATION:

M=Mandatory
 O=Optional
 X=Conditional
 AN=Alphanumeric
 Nx=Numeric with x decimal places

CHANGE LOG =====

DESADV VERSION 1.0 2020.08.27
 • Initial version

DESADV VERSION 1.1 2020.08.29
 • Lucid Internal review

DESADV VERSION 1.2 2020.09.02
 • First Supplier release.

DESADV VERSION 1.3 2020.09.15
 • Updated Supplier release.

DESADV VERSION 1.4 2020.09.29
 • Updated Supplier release.2
 • Batch number and Release number moved to SG14.GIR segment
 • Added CPS03 value "4"
 • PCI and GIR segments mandatory
 • QTY for inner packaging mandatory

DESADV VERSION 1.5 2020.10.13
 • Added notation for Plant ID (UD)

DESADV VERSION 1.6 2021.01.21
 • Changed Plant ID from (UD) to (ST)
 • Added Code FD to (NAD 01)
 • Removed returnable packaging return process
 • Removed LOC Segment
 • Removed DTM from Group 17
 • Removed Groups 18,20
 • Removed SEL segment
 • Added MEA at detail level for dimensions
 • Updated USED elements to MUST USE
 • Removed various Elements and Codes
 • BGM - removed function code 5 (Replace)
 • DTM - removed date/time format 102
 • MEA - removed expected measurement unit codes
 • SG1.RFF - added reference qualifier codes BH (House bill), CU (Consignment ID), MWB (Master air waybill number), ZZZ (Mutually defined)
 • SG2.NAD - removed NI (Notify party), SU (Supplier), UD (Ultimate customer), WH (Warehouse keeper)
 • SG2.LOC - removed
 • SG6.TDT - added transport stage code qualifier 20, voyage number/flight number and removed transport stage code qualifiers: 15, 16,17, 18, 19, 21, 22, 23
 • SG8.SEL - removed
 • SG10.CPS - removed packaging level code 5 (shipment level)
 • SG11.PAC - removed all fields except for package quantity
 • SG11.MEA - added
 • SG13.PCI - removed full or empty indicator code
 • SG14. GIR - added set type code qualifier 1 (Product) and removed ID code qualifier AQ from all composite elements except the first
 • SG15.GIN - removed
 • SG7.PIA - added item type ID code PL (Purchaser's order line number and removed SA (Supplier's article number), ED (Engineering change level)
 • SG17.QTY - removed quantity type code qualifiers 1 (Discreet), 21 (Ordered), 113 (To be delivered), 119 (Short-shipped)
 • SG17.GIN/DTM - removed
 • SG18.RFF/CTA/DTM - removed

- DESADV VERSION 1.7 2021.02.02
 - SG20.LOC – removed
 - Changed attribute codes in MEA and SG11.MEA
 - Replaced SQ Qualify for total Shipped QTY with BNV of total Carton Qty
 - Replaced AFE quality of maximum stacking weight with T of Tare Weight (empty container weight)
- DESADV VERSION 1.8 2021.03.08
 - Changed mode of transport code in SG6.TDT
- DESADV VERSION 1.9 2021.04.19
 - Changed SG17 to "Used" from "Must use"
 - Updated Business Rules
 - Included additional User Notes under select segments
- DESADV VERSION 1.10 2021.05.09
 - Updated Business Rules
 - Removed BGM03 'Cancel' (4) code
 - Removed BGM (0020) User Notes
- DESADV VERSION 1.11 2022.07.18
 - Changed Segment Group 11, 0460 QTY to Must Use from Used.
 - Updated User Notes Segment Group 11, 0460 QTY Segment.
- DESADV VERSION 1.2 2022.10.20
 - Updated User Notes Segment Group 1, 0090 RFF Segment
 - Updated User Notes Segment Group 14, 0550 GIR Segment
 - Updated User Notes Segment Group 17, 0680 IMD, C273_010 Composite
 - Added Segment Group 17, 0750 DTM Segment to record Date Of Manufacturer

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DESADV Despatch advice message

Message Status=12

Definition: 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:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use
0020	BGM	BEGINNING OF MESSAGE	M	1	N1/0020	Must use
0030	DTM	DATE/TIME/PERIOD	C	10	N1/0030	Must use
0050	MEA	MEASUREMENTS	C	5	N1/0050	Must use
0080		Segment Group 1	C	99	N1/0080	Must use
0090	RFF	REFERENCE	M	1	N1/0090	Must use
0110		Segment Group 2	C	99	N1/0110	Must use
0120	NAD	NAME AND ADDRESS	M	1	N1/0120	Must use
0170		Segment Group 4	C	10	N1/0170	Used
0180	CTA	CONTACT INFORMATION	M	1	N1/0180	Must use
0190	COM	COMMUNICATION CONTACT	C	5	N1/0190	Used
0240		Segment Group 6	C	10	N1/0240	Must use
0250	TDT	TRANSPORT INFORMATION	M	1	N1/0250	Must use
0310		Segment Group 8	C	10	N1/0310	Must use
0320	EQD	EQUIPMENT DETAILS	M	1	N1/0320	Must use

Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
0390		Segment Group 10	C	9999	N2/0390	Must use
0400	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	N2/0400	Must use
0430		Segment Group 11	C	9999	N2/0430	Must use
0440	PAC	PACKAGE	M	1	N2/0440	Must use
0450	MEA	MEASUREMENTS	C	10	N2/0450	Used
0460	QTY	QUANTITY	C	10	N2/0460	Must use
0500		Segment Group 13	C	1000	N2/0500	Must use
0510	PCI	PACKAGE IDENTIFICATION	M	1	N2/0510	Must use
0540		Segment Group 14	C	99	N2/0540	Must use
0550	GIR	RELATED IDENTIFICATION NUMBERS	M	1	N2/0550	Must use
0650		Segment Group 17	C	9999	N2/0650	Used
0660	LIN	LINE ITEM	M	1	N2/0660	Must use
0670	PIA	ADDITIONAL PRODUCT ID	C	10	N2/0670	Must use
0680	IMD	ITEM DESCRIPTION	C	99	N2/0680	Used
0690	MEA	MEASUREMENTS	C	10	N2/0690	Must use
0700	QTY	QUANTITY	C	10	N2/0700	Must use
0710	ALI	ADDITIONAL INFORMATION	C	10	N2/0710	Must use
0750	DTM	DATE/TIME/PERIOD	C	5	N2/0750	Used
0810	MOA	MONETARY AMOUNT	C	5	N2/0810	Must use

Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
1160	UNT	MESSAGE TRAILER	M	1	N3/1160	Must use

Clarification:

- 1/0010 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 07A 0051 UN
- 1/0020 A segment for unique identification of the Despatch Advice document, by means of its name and its number.
- 1/0030 Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.
- 1/0050 A segment specifying the weight and volume of the consignment.
- 1/0080 A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.
- 1/0090 A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.
- 1/0110 A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.
- 1/0120 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.
- 1/0170 A group of segments to identify the people, functions, departments and appropriate numbers to whom communication should be directed.
- 1/0180 A segment to identify the person, function or department to whom communication should be directed.
- 1/0190 A segment to identify communication types and numbers for the person, function or department identified in the CTA.
- 1/0240 A group of segments specifying details of the mode, means and method of transport and date/time of departure and destination relevant to the whole despatch advice.
- 1/0250 A segment specifying the carriage, and the mode and means of transport of the goods being despatched.
- 1/0310 A group of segments providing information relative to the equipment used for the transportation of goods relevant to the whole despatch advice.
- 1/0320 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.
- 2/0390 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.
- 2/0400 A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.
- 2/0430 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.
- 2/0440 A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.
- 2/0450 A segment specifying physical measurements of the packages/physical units described in the PAC segment.
- 2/0460 A segment to specify the quantity per package described in the PAC segment.
- 2/0500 A group of segments specifying markings, labels, and packing numbers.
- 2/0510 A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.
- 2/0540 A group of segments to give specific package related identifications and dates.
- 2/0550 To specify a set of related identification numbers.
- 2/0650 A group of segments providing details of the individual despatched items.

- 2/0660 A segment identifying the product being despatched. All other segments in the detail section following the LIN segment refer to that line item.
- 2/0670 A segment providing additional product identification.
- 2/0680 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.
- 2/0690 A segment specifying physical measurements of the despatched item in original or unpacked form.
- 2/0700 A segment to give quantity information concerning the product.
- 2/0710 A segment indicating that the line item is subject to special conditions due to origin, customs preference, or commercial factors.
- 2/0750 A segment providing date, time information related to the line item, e.g. production date.
- 2/0810 A segment giving monetary amounts required by the consignee to undertake customs clearance procedures.
- 3/1160 A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

UNH MESSAGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use
Function: To head, identify and specify a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNH010	0062	Message reference number	M	an	1/14	Must use
Description: Unique message reference assigned by the sender.						
UNH020	S009	MESSAGE IDENTIFIER	M	Comp		Must use
Description: Identification of the type, version, etc. of the message being interchanged.						
UNH020-010	0065	Message type	M	an	1/6	Must use
Description: Code identifying a type of message and assigned by its controlling agency. Note 1: In UNSMs (United Nations Standard Messages), the representation is a6.						
Code List Summary (Total Codes: 211, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		DESADV		Despatch advice message		
UNH020-020	0052	Message version number	M	an	1/3	Must use
Description: Version number of a message type.						
Code List Summary (Total Codes: 8, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		D		Draft version/UN/EDIFACT Directory		
UNH020-030	0054	Message release number	M	an	1/3	Must use
Description: Release number within the current message version number.						
Code List Summary (Total Codes: 36, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		07A		Release 2007 - A		
UNH020-040	0051	Controlling agency, coded	M	an	1/3	Must use
Description: Code identifying a controlling agency.						
Code List Summary (Total Codes: 26, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		UN		UN/CEFACT		
UNH020-050	0057	Association assigned code	C	an	1/6	Used
Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.						
Notes:						
GMI022 = Global automotive initiative DESADV V2						
UNH020-060	0110	Code list directory version number	C	an	1/6	Not used
Description: Version number of the code list directory.						
UNH020-070	0113	Message type sub-function identification	C	an	1/6	Not used
Description: Code identifying a sub-function of a message type. Note 1: The code qualifies the message type data element (0065) to allow the recipient to identify a specific sub-function of a message.						
All valid standard codes are used. (Total Codes: 21)						

Notes:

1. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference.
2. The combination of the values carried in data elements 0062 and S009 shall be used to identify uniquely the message within its group (if used) or if not used, within its interchange, for the purpose of acknowledgement.

BGM BEGINNING OF MESSAGE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 3

User Option (Usage): Must use

Function: To indicate the type and function of a message and to transmit the identifying number.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM010	C002	DOCUMENT/MESSAGE NAME	C	Comp		Must use
Description: Identification of a type of document/message by code or name. Code preferred.						
BGM010-010	1001	Document name code	C	an	1/3	Used
Description: Code specifying the document name.						
Code List Summary (Total Codes: 652, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		351		Despatch advice		
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp		Must use
Description: Identification of a document/message by its number and eventually its version or revision.						
BGM020-010	1004	Document identifier	C	an	1/35	Must use
Description: To identify a document.						
BGM030	1225	Message function code	C	an	1/3	Must use
Description: Code indicating the function of the message.						
Code List Summary (Total Codes: 65, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		9		Original		

DTM DATE/TIME/PERIOD

Pos: 0030	Max: 10
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Must use
Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use
Description: Date and/or time, or period relevant to the specified date/time/period type.						
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Must use
Description: Code qualifying the function of a date, time or period.						
Code List Summary (Total Codes: 762, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		11		Despatch date and or time		
		17		Delivery date/time, estimated		
		136		Transport means departure date time, actual		
DTM010-020	2380	Date or time or period text	C	an	1/35	Must use
Description: The value of a date, a date and time, a time or of a period in a specified representation.						
DTM010-030	2379	Date or time or period format code	C	an	1/3	Used
Description: Code specifying the representation of a date, time or period.						
Code List Summary (Total Codes: 81, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		203		CCYYMMDDHHMM		

MEA MEASUREMENTS

Pos: 0050	Max: 5
Conditional	
Group: N/A	Elements: 3

User Option (Usage): Must use

Function: To specify physical measurements, including dimension tolerances, weights and counts.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Must use
Description: Code qualifying the purpose of the measurement.						
Code List Summary (Total Codes: 101, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		CT	Counts			
		WT	Weights			
MEA020	C502	MEASUREMENT DETAILS	C	Comp		Must use
Description: Identification of measurement type.						
MEA020-010	6313	Measured attribute code	C	an	1/3	Must use
Description: Code specifying the attribute measured.						
Code List Summary (Total Codes: 257, Included: 4)						
		<u>Code</u>	<u>Name</u>			
		G	Gross weight			
		T	Tare weight			
		AAA	Net weight			
		BNV	Number of inner packs			
MEA030	C174	VALUE/RANGE	C	Comp		Must use
Description: Measurement value and relevant minimum and maximum values of the measurement range.						
MEA030-010	6411	Measurement unit code	M	an	1/8	Must use
Description: Code specifying the unit of measurement. Note: 1 Recommend use UN/ECE Recommendation 20, Common code.						
MEA030-020	6314	Measure	C	an	1/18	Must use
Description: To specify the value of a measurement.						

Notes:

*Gross weight and Shipped quantity are mandatory
Tare weight and Net weight are optional*

Segment Group 1

Pos: 0080	Repeat: 99
Conditional	
Group: 1	Elements: N/A

User Option (Usage): Must use

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0090	RFF	REFERENCE	M	1	Must use

RFF REFERENCE

Pos: 0090	Max: 1
Mandatory	
Group: 1	Elements: 1

User Option (Usage): Must use
Function: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		Must use

Description: Identification of a reference.

RFF010-010	1153	Reference code qualifier	M	an	1/3	Must use
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Description: Code qualifying a reference.

Code List Summary (Total Codes: 776, Included: 9)

<u>Code</u>	<u>Name</u>
BH	House bill of lading number
BM	Bill of lading number
CU	Consignment identifier, consignor assigned (DSV's shipment ID)
FN	Freight bill number
MB	Master bill of lading number
PK	Packing list number
AWB	Air waybill number
MWB	Master air waybill number
ZZZ	Mutually defined reference number (DSV LLP Load ID)

RFF010-020	1154	Reference identifier	C	an	1/70	Must use
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Description: Identifies a reference.

Notes:

The Carrier Shipment Number is mandatory. The Carrier Shipment Number IS NOT the ASN number. The House Bill of Lading is optional only if the country of origin is not USA. If this is an international shipment, then the House Bill is mandatory.

Segment Group 2

Pos: 0110	Repeat: 99
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Must use

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0120	NAD	NAME AND ADDRESS	M	1	Must use
0170		Segment Group 4	C	10	Used

NAD NAME AND ADDRESS

Pos: 0120	Max: 1
Mandatory	
Group: 2	Elements: 8

User Option (Usage): Must use

Function: To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
NAD010	3035	Party function code qualifier	M	an	1/3	Must use				
<p>Description: Code giving specific meaning to a party. All valid standard codes are used. (Total Codes: 566)</p>										
NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp		Must use				
<p>Description: Identification of a transaction party by code.</p>										
NAD020-010	3039	Party identifier	M	an	1/35	Must use				
<p>Description: Code specifying the identity of a party.</p>										
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Used				
<p>Description: Code specifying the agency responsible for a code list.</p> <p>Code List Summary (Total Codes: 320, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>92</td> <td>Assigned by buyer or buyer's agent</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	92	Assigned by buyer or buyer's agent
<u>Code</u>	<u>Name</u>									
92	Assigned by buyer or buyer's agent									
NAD040	C080	PARTY NAME	C	Comp		Used				
<p>Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.</p> <p>Notes: Mandatory element necessary when NAD_010 = 'ST' (Ship To Plant)</p>										
NAD040-010	3036	Party name	M	an	1/35	Must use				
<p>Description: Name of a party.</p>										
NAD050	C059	STREET	C	Comp		Used				
<p>Description: Street address and/or PO Box number in a structured address: one to four lines.</p> <p>Notes: Mandatory element necessary when NAD_010 = 'ST' (Ship To Plant)</p>										
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Must use				
<p>Description: To identify a street and number and/or Post Office box number.</p>										
NAD060	3164	City name	C	an	1/35	Used				
<p>Description: Name of a city.</p> <p>Notes: Mandatory element necessary when NAD_010 = 'ST' (Ship To Plant)</p>										
NAD070	C819	COUNTRY SUBDIVISION DETAILS	C	Comp		Used				
<p>Description: To specify a country subdivision, such as state, canton, county, prefecture.</p> <p>Notes: Mandatory element necessary when NAD_010 = 'ST' (Ship To Plant)</p>										
NAD070-010	3229	Country subdivision identifier	C	an	1/9	Must use				

Description: To identify a country subdivision, such as state, canton, county, prefecture.
Note: 1 Recommended use ISO 3166-2. If not applicable, use appropriate code set defined by appropriate national authority.

NAD080 3251 **Postal identification code** C an 1/17 Used

Description: Code specifying the postal zone or address. **Note:** 1 Use code defined by appropriate national authority.

Notes:
Mandatory element necessary when NAD_010 = 'ST' (Ship To Plant)

NAD090 3207 **Country identifier** C an 1/3 Used

Description: Identification of the name of the country or other geographical entity as defined in ISO 3166-1 and UN/ECE Recommendation 3. **Note:** 1 Use ISO 3166-1 two alpha country code.

Notes:
Mandatory element necessary when NAD_010 = 'ST' (Ship To Plant)

Notes:
BY, FD, SF, and ST are mandatory.

Segment Group 4

Pos: 0170	Repeat: 10
Conditional	
Group: 4	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0180	CTA	CONTACT INFORMATION	M	1	Must use
0190	COM	COMMUNICATION CONTACT	C	5	Used

CTA CONTACT INFORMATION

Pos: 0180	Max: 1
Mandatory	
Group: 4	Elements: 1

User Option (Usage): Must use

Function: To identify a person or a department to whom communication should be directed.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTA010	3139	Contact function code	C	an	1/3	Used

Description: Code specifying the function of a contact (e.g. department or person).

Code List Summary (Total Codes: 97, Included: 1)

<u>Code</u>	<u>Name</u>
IC	Information contact

COM COMMUNICATION CONTACT

Pos: 0190	Max: 5
Conditional	
Group: 4	Elements: 1

User Option (Usage): Used

Function: To identify a communication number of a department or a person to whom communication should be directed.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
COM010	C076	COMMUNICATION CONTACT	M	Comp		Must use

Description: Communication number of a department or employee in a specified channel.

COM010-010	3148	Communication address identifier	M	an	1/512	Must use
------------	------	----------------------------------	---	----	-------	----------

Description: To identify a communication address.

COM010-020	3155	Communication means type code	M	an	1/3	Must use
------------	------	-------------------------------	---	----	-----	----------

Description: Code specifying the type of communication address.

Code List Summary (Total Codes: 45, Included: 3)

<u>Code</u>	<u>Name</u>
EM	Electronic mail
FX	Telefax
TE	Telephone

Segment Group 6

Pos: 0240	Repeat: 10
Conditional	
Group: 6	Elements: N/A

User Option (Usage): Must use

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0250	TDT	TRANSPORT INFORMATION	M	1	Must use

TDT TRANSPORT INFORMATION

Pos: 0250	Max: 1
Mandatory	
Group: 6	Elements: 5

User Option (Usage): Must use

Function: To specify information regarding the transport such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDT010	8051	Transport stage code qualifier	M	an	1/3	Must use

Description: Code qualifying a specific stage of transport.

Code List Summary (Total Codes: 26, Included: 1)

<u>Code</u>	<u>Name</u>
20	Main-carriage transport

TDT020	8028	Means of transport journey identifier	C	an	1/17	Used
--------	------	---------------------------------------	---	----	------	------

Description: To identify a journey of a means of transport.

Notes: *Voyage number or Flight number.*

TDT030	C220	MODE OF TRANSPORT	C	Comp		Used
--------	------	-------------------	---	------	--	------

Description: Method of transport code or name. Code preferred.

TDT030-010	8067	Transport mode name code	C	an	1/3	Used
------------	------	--------------------------	---	----	-----	------

Description: Code specifying the name of a mode of transport. Note: 1 Use UN/ECE Recommendation No 19.

Notes:

LUCID Motors uses the CBP codes for the ACE interface in place of the UN/CEFACT Recommendation 19

10 - Vessel, Non-Containerized

11 - Vessel, Containerized

12 - Border Water Borne

20 - Rail, Non-Containerized

21 - Rail, Containerized

30 - Truck, Non-Containerized

31 - Truck, Containerized

32 - Auto

33 - Pedestrian

34 - Road, Other

40 - Air, Non-Containerized

41 - Air, Containerized

50 - Mail

60 - Passenger, Hand Carried

70 - Fixed Transport

TDT050	C040	CARRIER	C	Comp		Must use
Description: Identification of a carrier by code and/or by name. Code preferred.						
TDT050-010	3127	Carrier identifier	C	an	1/17	Must use
Description: To identify a carrier.						
TDT050-030	3055	Code list responsible agency code	C	an	1/3	Used
Description: Code specifying the agency responsible for a code list.						
Code List Summary (Total Codes: 320, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		92	Assigned by buyer or buyer's agent			
TDT050-040	3126	Carrier name	C	an	1/35	Must use
Description: Name of a carrier.						
TDT080	C222	TRANSPORT IDENTIFICATION	C	Comp		Used
Description: Code and/or name identifying the means of transport.						
TDT080-010	8213	Transport means identification name identifier	C	an	1/35	Used
Description: Identifies the name of the transport means.						

Dependency Notes:

1. D5(040,030) - If first, then all

Segment Group 8

Pos: 0310	Repeat: 10
Conditional	
Group: 8	Elements: N/A

User Option (Usage): Must use

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0320	EQD	EQUIPMENT DETAILS	M	1	Must use

EQD EQUIPMENT DETAILS

Pos: 0320	Max: 1
Mandatory	
Group: 8	Elements: 2

User Option (Usage): Must use
Function: To identify a unit of equipment.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
EQD010	8053	Equipment type code qualifier	M	an	1/3	Must use

Description: Code qualifying a type of equipment.

Code List Summary (Total Codes: 63, Included: 4)

<u>Code</u>	<u>Name</u>
AK	Aircraft
CN	Container
RR	Rail car
TE	Trailer

EQD020	C237	EQUIPMENT IDENTIFICATION	C	Comp		Must use
--------	------	--------------------------	---	------	--	----------

Description: Marks (letters/numbers) identifying equipment.

EQD020-010	8260	Equipment identifier	C	an	1/17	Must use
------------	------	----------------------	---	----	------	----------

Description: To identify equipment.

Segment Group 10

Pos: 0390	Repeat: 9999
Conditional	
Group: 10	Elements: N/A

User Option (Usage): Must use

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0400	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	Must use
0430		Segment Group 11	C	9999	Must use
0650		Segment Group 17	C	9999	Used

CPS CONSIGNMENT PACKING SEQUENCE

Pos: 0400	Max: 1
Mandatory	
Group: 10	Elements: 3

User Option (Usage): Must use

Function: To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CPS010	7164	Hierarchical structure level identifier	M	an	1/35	Must use
Description: To identify a level within a hierarchical structure.						
CPS020	7166	Hierarchical structure parent identifier	C	an	1/35	Used
Description: To identify the next higher level in a hierarchical structure.						
CPS030	7075	Packaging level code	C	an	1/3	Must use
Description: Code specifying a level of packaging.						
Code List Summary (Total Codes: 5, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		1		Inner		
		3		Outer		
		4		No packaging hierarchy		

Notes:

When the physical packing structure is cartons on pallets, then pallets are identified with CPS_030 = '3' and cartons are identified with CPS_030 = '1'.

When cartons are stand-alone, i.e., they are not placed on pallets, or a single carton is on a single pallet and the pallet is not labelled then the cartons are identified with CPS_030 = '4'.

Segment Group 11

Pos: 0430	Repeat: 9999
Conditional	
Group: 11	Elements: N/A

User Option (Usage): Must use

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0440	PAC	PACKAGE	M	1	Must use
0450	MEA	MEASUREMENTS	C	10	Used
0460	QTY	QUANTITY	C	10	Must use
0500		Segment Group 13	C	1000	Must use

PAC PACKAGE

Pos: 0440	Max: 1
Mandatory	
Group: 11	Elements: 1

User Option (Usage): Must use

Function: To describe the number and type of packages/physical units.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PAC010	7224	Package quantity	C	n	1/8	Must use

Description: To specify the number of packages.

MEA MEASUREMENTS

Pos: 0450	Max: 10
Conditional	
Group: 11	Elements: 3

User Option (Usage): Used

Function: To specify physical measurements, including dimension tolerances, weights and counts.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Must use
Description: Code qualifying the purpose of the measurement.						
Code List Summary (Total Codes: 101, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		WT	Weights			
		AAZ	Handling unit measurement			
MEA020	C502	MEASUREMENT DETAILS	C	Comp		Used
Description: Identification of measurement type.						
MEA020-010	6313	Measured attribute code	C	an	1/3	Used
Description: Code specifying the attribute measured.						
Code List Summary (Total Codes: 257, Included: 4)						
		<u>Code</u>	<u>Name</u>			
		T	Tare weight			
		HT	Height dimension			
		LN	Length			
		WD	Width dimension			
MEA030	C174	VALUE/RANGE	C	Comp		Must use
Description: Measurement value and relevant minimum and maximum values of the measurement range.						
MEA030-010	6411	Measurement unit code	M	an	1/8	Must use
Description: Code specifying the unit of measurement. Note: 1 Recommend use UN/ECE Recommendation 20, Common code.						
MEA030-020	6314	Measure	C	an	1/18	Must use
Description: To specify the value of a measurement.						

QTY QUANTITY

Pos: 0460	Max: 10
Conditional	
Group: 11	Elements: 1

User Option (Usage): Must use
Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	QUANTITY DETAILS	M	Comp		Must use

Description: Quantity information in a transaction, qualified when relevant.

QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Must use
------------	------	------------------------------	---	----	-----	----------

Description: Code qualifying the type of quantity.

Notes:

***Mandatory** for every level. When CPS_030 = '1' (inner pack) or '4' (no packaging hierarchy), the value is quantity per pack. When CPS_030 = '3' (pallet), the value is the carton count per pallet.*

Code List Summary (Total Codes: 476, Included: 1)

<u>Code</u>	<u>Name</u>
52	Quantity per pack

QTY010-020	6060	Quantity	M	an	1/35	Must use
------------	------	----------	---	----	------	----------

Description: Alphanumeric representation of a quantity.

QTY010-030	6411	Measurement unit code	C	an	1/8	Must use
------------	------	-----------------------	---	----	-----	----------

Description: Code specifying the unit of measurement. Note: 1 Recommend use UN/ECE Recommendation 20, Common code.

Segment Group 13

Pos: 0500	Repeat: 1000
Conditional	
Group: 13	Elements: N/A

User Option (Usage): Must use

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0510	PCI	PACKAGE IDENTIFICATION	M	1	Must use
0540		Segment Group 14	C	99	Must use

PCI

PACKAGE IDENTIFICATION

Pos: 0510	Max: 1
Mandatory	
Group: 13	Elements: 1

User Option (Usage): Must use

Function: To specify markings and labels on individual packages or physical units.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PCI010	4233	Marking instructions code	C	an	1/3	Must use

Description: Code specifying instructions for marking.

Code List Summary (Total Codes: 35, Included: 1)

<u>Code</u>	<u>Name</u>
17	Seller's instructions

Segment Group 14

Pos: 0540	Repeat: 99
Conditional	
Group: 14	Elements: N/A

User Option (Usage): Must use

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0550	GIR	RELATED IDENTIFICATION NUMBERS	M	1	Must use

GIR RELATED IDENTIFICATION NUMBERS

Pos: 0550	Max: 1
Mandatory	
Group: 14	Elements: 6

User Option (Usage): Must use
Function: To specify a related set of identification numbers.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GIR010	7297	Set type code qualifier	M	an	1/3	Must use
		Description: Code qualifying the type of set.				
		Code List Summary (Total Codes: 18, Included: 2)				
		<u>Code</u>		<u>Name</u>		
		1		Product (associated to GIR_020 = 'AQ' or GIR_020 = 'BX')		
		3		Package (associated to GIR_020 = 'AW')		
GIR020	C206	IDENTIFICATION NUMBER	M	Comp		Must use
		Description: The identification of an object.				
GIR020-010	7402	Object identifier	M	an	1/35	Must use
		Description: Code specifying the unique identity of an object.				
GIR020-020	7405	Object identification code qualifier	C	an	1/3	Must use

Description: Code qualifying the identification of an object.

Notes:

Release number is mandatory. The AQ qualifier is used to denote the release number which is originally transmitted in the in the ORDERS/ORDCHG/DELJIT RFF segment, qualifier RE. There is one release number per carton and pallet. If multiple release numbers for a single part is shipped, then they must have their own carton and pallet (different serials) which will generate their own CPS/LIN loops. This means the DESADV can have a repeat LIN with the same part number ONLY when multiple release numbers for the same part are shipped in a single shipment. Release number is 19 digits composed of **PO / SA Number + Line-Item number + Release Code**.

The AW qualifier is used to denote the shipping serial, a unique identifier printed on a label. Also known as the License Plate, License Plate Serial, Handling Unit, Container Serial, Mix/Master Pallet Serial, Barcoded Label Serial, Label Serial.
 GIR License Plate value construction:

Data Identifier + Self-Determined Fixed Identifier (a location identifier unique to the supplier's business like an ISO Number, Dun's Number, Odette Number, JIPDEC, or Supplier Ship-From location) + **Non-repeating Serial Number** (padded out so entire license plate value meets full 18 characters). This value is printed on your shipping label. Please see the Lucid Label Specification for specific label requirements.

Data Identifiers are: **6J** Master Pallet, **5J** Mixed Pallet, **1J** Carton or box Labels

Example:

6J123456781234567890 (Master pallet)
 5J123456781234567890, Mixed pallet)
 1J123456781234567890 (Single carton or box)

GIR*3*6J123456781234567890|AW

Code List Summary (Total Codes: 85, Included: 2)

		<u>Code</u>	<u>Name</u>				
		AQ	Release number				
		AW	Serial shipping container code				
GIR030	C206	IDENTIFICATION NUMBER		C	Comp		Used
Description: The identification of an object.							
GIR030-010	7402	Object identifier		M	an	1/35	Must use
Description: Code specifying the unique identity of an object.							
GIR030-020	7405	Object identification code qualifier		C	an	1/3	Used
Description: Code qualifying the identification of an object.							
Notes:							
<i>Serial shipping container code is expected (recommended).</i>							
<i>Supplier Batch or Lot number is optional.</i>							
Code List Summary (Total Codes: 85, Included: 2)							
		<u>Code</u>	<u>Name</u>				
		AW	Serial shipping container code (use with GIR_010 = '3')				
		BX	Batch number (use with GIR_010 = '1')				
GIR040	C206	IDENTIFICATION NUMBER		C	Comp		Used
Description: The identification of an object.							
GIR040-010	7402	Object identifier		M	an	1/35	Must use
Description: Code specifying the unique identity of an object.							
GIR040-020	7405	Object identification code qualifier		C	an	1/3	Must use
Description: Code qualifying the identification of an object.							
Code List Summary (Total Codes: 85, Included: 2)							
		<u>Code</u>	<u>Name</u>				
		AW	Serial shipping container code (use with GIR_010 = '3')				
		BX	Batch number (use with GIR_010 = '1')				
GIR050	C206	IDENTIFICATION NUMBER		C	Comp		Used
Description: The identification of an object.							
GIR050-010	7402	Object identifier		M	an	1/35	Must use
Description: Code specifying the unique identity of an object.							
GIR050-020	7405	Object identification code qualifier		C	an	1/3	Must use
Description: Code qualifying the identification of an object.							
Code List Summary (Total Codes: 85, Included: 2)							
		<u>Code</u>	<u>Name</u>				
		AW	Serial shipping container code (use with GIR_010 = '3')				
		BX	Batch number (use when GIR_010 = '1')				
GIR060	C206	IDENTIFICATION NUMBER		C	Comp		Used
Description: The identification of an object.							
GIR060-010	7402	Object identifier		M	an	1/35	Must use
Description: Code specifying the unique identity of an object.							
GIR060-020	7405	Object identification code qualifier		C	an	1/3	Must use
Description: Code qualifying the identification of an object.							

Code List Summary (Total Codes: 85, Included: 2)

<u>Code</u>	<u>Name</u>
AW	Serial shipping container code (use with GIR_010 = '3')
BX	Batch number(use with GIR_010 = '1')

Notes:

1. *The GIR segment may occur up to a maximum of 99 times.*

Segment Group 17

Pos: 0650	Repeat: 9999
Conditional	
Group: 17	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0660	LIN	LINE ITEM	M	1	Must use
0670	PIA	ADDITIONAL PRODUCT ID	C	10	Must use
0680	IMD	ITEM DESCRIPTION	C	99	Used
0690	MEA	MEASUREMENTS	C	10	Must use
0700	QTY	QUANTITY	C	10	Must use
0710	ALI	ADDITIONAL INFORMATION	C	10	Must use
0750	DTM	DATE/TIME/PERIOD	C	5	Used
0810	MOA	MONETARY AMOUNT	C	5	Must use

LIN LINE ITEM

Pos: 0660	Max: 1
Mandatory	
Group: 17	Elements: 2

User Option (Usage): Must use
Function: To identify a line item and configuration.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN010	1082	Line item identifier	C	an	1/6	Used
		Description: To identify a line item.				
LIN030	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Must use
		Description: Goods identification for a specified source.				
LIN030-010	7140	Item identifier	C	an	1/35	Must use
		Description: To identify an item.				
LIN030-020	7143	Item type identification code	C	an	1/3	Must use
		Description: Coded identification of an item type.				
		Code List Summary (Total Codes: 107, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		IN		Buyer's item number		

PIA ADDITIONAL PRODUCT ID

Pos: 0670	Max: 10
Conditional	
Group: 17	Elements: 3

User Option (Usage): Must use

Function: To specify additional or substitutional item identification codes.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PIA010	4347	Product identifier code qualifier	M	an	1/3	Must use
Description: Code qualifying the product identifier.						
Code List Summary (Total Codes: 12, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		1		Additional identification		
PIA020	C212	ITEM NUMBER IDENTIFICATION	M	Comp		Must use
Description: Goods identification for a specified source.						
PIA020-010	7140	Item identifier	C	an	1/35	Must use
Description: To identify an item.						
PIA020-020	7143	Item type identification code	C	an	1/3	Used
Description: Coded identification of an item type.						
Code List Summary (Total Codes: 107, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		PO		Purchase order number		
		ZZZ		Mutually defined (Scheduling Agreement)		
PIA030	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Must use
Description: Goods identification for a specified source.						
PIA030-010	7140	Item identifier	C	an	1/35	Must use
Description: To identify an item.						
PIA030-020	7143	Item type identification code	C	an	1/3	Used
Description: Coded identification of an item type.						
Code List Summary (Total Codes: 107, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		PL		SA/PO line number		
PIA030-030	1131	Code list identification code	C	an	1/17	Used
Description: Code identifying a user or association maintained code list. Note: 1 The codes for this data element are provided by the code list responsible agency defined in data element 3055.						
PIA030-040	3055	Code list responsible agency code	C	an	1/3	Used
Description: Code specifying the agency responsible for a code list.						
All valid standard codes are used. (Total Codes: 320)						

IMD ITEM DESCRIPTION

Pos: 0680	Max: 99
Conditional	
Group: 17	Elements: 1

User Option (Usage): Used

Function: To describe an item in either an industry or free format.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IMD030	C273	ITEM DESCRIPTION	C	Comp		Used
		Description: Description of an item.				
IMD030-010	7009	Item description code	C	an	1/17	Used
		Description: Code specifying an item.				
		All valid standard codes are used. (Total Codes: 5)				
IMD030-040	7008	Item description	C	an	1/256	Used
		Description: Free form description of an item.				
		Notes: <i>Please limit item description to 40 characters only.</i>				

Notes:

1. Name of part/product being sold by supplier.

MEA MEASUREMENTS

Pos: 0690	Max: 10
Conditional	
Group: 17	Elements: 3

User Option (Usage): Must use

Function: To specify physical measurements, including dimension tolerances, weights and counts.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA010	6311	Measurement purpose code qualifier	M	an	1/3	Must use
Description: Code qualifying the purpose of the measurement.						
Code List Summary (Total Codes: 101, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		WT	Weights			
MEA020	C502	MEASUREMENT DETAILS	C	Comp		Must use
Description: Identification of measurement type.						
MEA020-010	6313	Measured attribute code	C	an	1/3	Must use
Description: Code specifying the attribute measured.						
Code List Summary (Total Codes: 257, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		ABS	Item weight			
MEA030	C174	VALUE/RANGE	C	Comp		Used
Description: Measurement value and relevant minimum and maximum values of the measurement range.						
MEA030-010	6411	Measurement unit code	M	an	1/8	Must use
Description: Code specifying the unit of measurement. Note: 1 Recommend use UN/ECE Recommendation 20, Common code.						
MEA030-020	6314	Measure	C	an	1/18	Must use
Description: To specify the value of a measurement.						

QTY QUANTITY

Pos: 0700	Max: 10
Conditional	
Group: 17	Elements: 1

User Option (Usage): Must use
Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
QTY010	C186	QUANTITY DETAILS	M	Comp		Must use						
Description: Quantity information in a transaction, qualified when relevant. Notes: <i>Despatch quantity is mandatory.</i> <i>Cumulative quantity is optional.</i>												
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Must use						
Description: Code qualifying the type of quantity. Code List Summary (Total Codes: 476, Included: 2) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Cumulative quantity (optional)</td> </tr> <tr> <td>12</td> <td>Despatch quantity (mandatory)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	3	Cumulative quantity (optional)	12	Despatch quantity (mandatory)
<u>Code</u>	<u>Name</u>											
3	Cumulative quantity (optional)											
12	Despatch quantity (mandatory)											
QTY010-020	6060	Quantity	M	an	1/35	Must use						
Description: Alphanumeric representation of a quantity.												
QTY010-030	6411	Measurement unit code	C	an	1/8	Must use						
Description: Code specifying the unit of measurement. Note: 1 Recommend use UN/ECE Recommendation 20, Common code.												

ALI ADDITIONAL INFORMATION

Pos: 0710	Max: 10
Conditional	
Group: 17	Elements: 1

User Option (Usage): Must use

Function: To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ALI010	3239	Country of origin identifier	C	an	1/3	Must use

Description: To identify the country in which the goods have been produced or manufactured, according to criteria laid down for the application of the Customs tariff or quantitative restrictions, or any measure related to trade. Note: 1 Use ISO 3166-1 two alpha country code.

DTM DATE/TIME/PERIOD

Pos: 0750	Max: 5
Conditional	
Group: 17	Elements: 1

User Option (Usage): Used

Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use
Description: Date and/or time, or period relevant to the specified date/time/period type.						
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Must use
Description: Code qualifying the function of a date, time or period.						
Code List Summary (Total Codes: 762, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		94		Production/manufacture date		
DTM010-020	2380	Date or time or period text	C	an	1/35	Must use
Description: The value of a date, a date and time, a time or of a period in a specified representation.						
DTM010-030	2379	Date or time or period format code	C	an	1/3	Must use
Description: Code specifying the representation of a date, time or period.						
Code List Summary (Total Codes: 81, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		102		CCYYMMDD		

MOA MONETARY AMOUNT

Pos: 0810	Max: 5
Conditional	
Group: 17	Elements: 1

User Option (Usage): Must use
Function: To specify a monetary amount.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MOA010	C516	MONETARY AMOUNT	M	Comp		Must use

Description: Amount of goods or services stated as a monetary amount in a specified currency.

MOA010-010	5025	Monetary amount type code qualifier	M	an	1/3	Must use
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Description: Code qualifying the type of monetary amount.

Code List Summary (Total Codes: 532, Included: 1)

<u>Code</u>	<u>Name</u>
146	Unit price

MOA010-020	5004	Monetary amount	C	n	1/35	Used
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Description: To specify a monetary amount.

MOA010-030	6345	Currency identification code	C	an	1/3	Used
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Description: Code specifying a monetary unit. Note: 1 Use ISO 4217 three alpha code.

UNT MESSAGE TRAILER

Pos: 1160	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

Function: To end and check the completeness of a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	Number of segments in a message	M	n	1/10	Must use
		Description: The number of segments in a message body, plus the message header segment and message trailer segment.				
UNT020	0062	Message reference number	M	an	1/14	Must use
		Description: Unique message reference assigned by the sender.				

Notes:

1. 0062, the value shall be identical to the value in 0062 in the corresponding UNH segment.