RECADV Receiving advice message

EDIFACT/D03A/RECADV : RECADV Receiving advice message

Version: 1.6 Final

Company:	DiCentral
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Notes

The Lucid Motors Receiving Advice Message (EDIFACT RECADV) is used to transmit details of shipments received by Lucid Motors.

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: After each loaded shipment arrives at Lucid Motors.

TRANSMITTED FROM: Lucid Motors

TRANSMITTED TO: Suppliers

BUSINESS RULES
- One RECADV per ASN
- All RECADV must be responded to with a CONTRL.

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 ============
RECADV VERSION 1,0   2020.08.27
- Initial version

RECADV VERSION 1.1	2020.08.29

- Lucid Internal review

RECADV VERSION 1.2	2020.09.02

- First Supplier release.

RECADV VERSION 1.3	2020.09.15

- Updated release.

RECADV VERSION 1.4	2020.10.13

- Added notation for Plant ID (UD) in NAD01

RECADV VERSION 1.5	2021.01.22

- Removed notes about returnable container processes.
- Updated various USED segment(s) and element(s) to MUST USE
  - Segment Group 1 (RFF) is required
  - RFF0102 (0080 and 1070) is required.
  - Segment Group 16 (CPS) is required
  - CPS03 is required.
    - Segment Group 25 (LIN) is required
    - Segment PIA (0790) is required
    - PIA+PL is required.
    - Segment QTY (0810) is required
    - Segment Group 33 (RFF) is required
- Removed the following RFF0101 codes.
  - BM   Bill of lading number
  - FN   Freight bill number
  - MB   Master bill of lading number
  - PK   Packing list number.
  - AWB   Air waybill number
- Removed DTM (0090) under Segment Group 1
- Removed the following codes from NAD (0190)
  - BY Buyer
  - IM   Importer
- Removed elements 4-9 from NAD (0190)
- Removed Segment Group 6 (CTA-COM)
- Removed the following CPS03 codes.
  - 1   Inner
  - 3   Outer
  - 5   Shipment level
- Added the following CPS03 code.
  - 4   No packaging hierarchy

RECADV VERSION 1.6	2021.05.09

- Removed '1' Cancellation code from BGM (0020)

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Message Status=9

Definition: This message is to address the business needs related to the goods receipt. This message is used to report the physical receipt of goods. The message allows for the reporting of discrepancies in products, quantities, terms, packages, etc. The message may contain only the information that the received consignment is completely in line with the consignment information given in the Despatch advice message. In case there is no detail to be provided. The message may inform about the discrepancies: - between the received consignment and consignment information given in the Despatch advice message. - between the received goods and the ordered goods in the ORDERS, DELFOR or DELJIT information.

Not Defined:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
0010	UNH	MESSAGE HEADER	M	1	N0/0010	Must use
0020	BGM	BEGINNING OF MESSAGE	M	1	N0/0020	Must use
0030	DTM	DATE/TIME/PERIOD	M	10	N0/0030	Must use
0070		**Segment Group 1**	**C**	**10**	**N0/0070**	**Must use**
0080	RFF	REFERENCE	M	1	N0/0080	Must use
0180		**Segment Group 4**	**M**	**99**	**N0/0180**	**Must use**
0190	NAD	NAME AND ADDRESS	M	1	N0/0190	Must use
0520		**Segment Group 16**	**C**	**9999**	**N0/0520**	**Must use**
0530	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	N0/0530	Must use
0770		**Segment Group 25**	**C**	**9999**	**N0/0770**	**Must use**
0780	LIN	LINE ITEM	M	1	N0/0780	Must use
0790	PIA	ADDITIONAL PRODUCT ID	C	10	N0/0790	Must use
0810	QTY	QUANTITY	C	10	N0/0810	Must use
1060		**Segment Group 33**	**C**	**10**	**N0/1060**	**Must use**
1070	RFF	REFERENCE	M	1	N0/1070	Must use
1270	CNT	CONTROL TOTAL	C	1	N0/1270	Used
1280	UNT	MESSAGE TRAILER	M	1	N0/1280	Must use

Clarification:

0/0010	A service segment starting and uniquely identifying a message. The message type code for the Receiving advice message is RECADV. Note: Receiving advice messages conforming to this document must contain the following data in segment UNH, composite S009: Data element 0065 RECADV 0052 D 0054 03A 0051 UN
0/0020	A segment for unique identification of the Receiving advice message, name and its number.
0/0030	Date/time/period related to the whole message.
0/0070	A group of segments giving references where necessary, dates relating to the whole message, e.g., despatch advice, contract number, accounting citations, monetary amounts and allowance/charge information.
0/0080	A segment for referencing documents relating to the whole Receiving advice message, e.g., despatch advice, purchase orders, delivery instructions. If the RECADV refers to a prior message, this message has to be referenced.
0/0180	A group of segments identifying names, addresses and locations, relevant to the whole Receiving advice.
0/0190	A segment for identifying names and addresses and their functions relevant for the whole Receiving advice. Identification of at least the recipient of the goods is mandatory. It is recommended that where possible only the coded form of the party ID should be specified.
0/0520	A group of segments providing details of all packages and/or individual items as received. This segment group provides the capability to give the top-down hierarchical relationship of the package levels and also of the transport levels.
0/0530	A segment identifying the sequence in which packing of the consignment is presented, e.g., a pallet loaded with boxes.
0/0770	A group of segments providing details of the product or service received.
0/0780	A segment identifying the product or service received.
0/0790	A segment providing additional product or service identification.
0/0810	A segment to give quantity information about the product specified in the LIN, PIA or IMD segment.
0/1060	A group of segments giving references, dates, accounting citations, monetary amounts and allowance/charge information relevant to the line item.
0/1070	A segment for referencing documents relating to the line item specified by the LIN or IMD segment.

0/1270   A segment by which control total may be provided by sender for checking by the receiver.

0/1280   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. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH010	0062	**Message reference number**	M	an	1/14	Must use

Description: Unique message reference assigned by the sender.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH020	S009	**MESSAGE IDENTIFIER**	M	Comp		Must use

Description: Identification of the type, version, etc. of the message being interchanged.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH020-010	0065	**Message type**	M	an	1/6	Must use

Description: Code identifying a type of message and assigned by its controlling agency.

Code List Summary (Total Codes: 210, Included: 1)

Code	Name
RECADV	Receiving advice message

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
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)

Code	Name
D	Draft version/UN/EDIFACT Directory

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
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: 28, Included: 1)

Code	Name
03A	Release 2003 - A

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
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)

Code	Name
UN	UN/CEFACT

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
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.

User Note 1: *GMI031 = Global Motor Industry Guide 03 (RECADV V1)*

Notes:

1. Data element S009/0057 is retained for upward compatibility. The use ofS016 and/or S017 is encouraged in preference. 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:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM010	C002	**DOCUMENT/MESSAGE NAME**	C	Comp		Used

Description: Identification of a type of document/message by code or name. Code preferred.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM010-010	1001	**Document name code**	C	an	1/3	Used

Description: Code specifying the document name.

Code List Summary (Total Codes: 596, Included: 1)

Code	Name
632	Goods receipt

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM020	C106	**DOCUMENT/MESSAGE IDENTIFICATION**	C	Comp		Must use

Description: Identification of a document/message by its number and eventually its version or revision.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM020-010	1004	**Document identifier**	C	an	1/35	Must use

Description: To identify a document.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM030	1225	**Message function code**	C	an	1/3	Used

Description: Code indicating the function of the message.

Code List Summary (Total Codes: 65, Included: 1)

Code	Name
9	Original

DTM   DATE/TIME/PERIOD

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

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
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: 746, Included: 2)

Code	Name
137	Document/message date/time
202	Posting 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	Used

Description: Code specifying the representation of a date, time or period.

Code List Summary (Total Codes: 81, Included: 2)

Code	Name
102	CCYYMMDD
203	CCYYMMDDHHMM

Segment Group 1

Pos: 0070	**Repeat: 10**
Conditional	
Group: 1	**Elements: N/A**

User Option (Usage): Must use

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0080	RFF	REFERENCE	M	1	Must use

RFF   REFERENCE

Pos: 0080	**Max: 1**
Mandatory	
Group: 1	**Elements: 1**

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

Element Summary:

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

Description: Identification of a reference.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010-010	1153	**Reference code qualifier**	M	an	1/3	Must use

Description: Code qualifying a reference.

Code List Summary (Total Codes: 765, Included: 1)

Code	Name
SI	SID (Shipper's identifying number for shipment)

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010-020	1154	**Reference identifier**	C	an	1/70	Must use

Description: Identifies a reference.

Segment Group 4

Pos: 0180	**Repeat: 99**
Mandatory	
Group: 4	**Elements: N/A**

User Option (Usage): Must use

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0190	NAD	NAME AND ADDRESS	M	1	Must use

NAD NAME AND ADDRESS

Pos: 0190	Max: 1
	Mandatory
Group: 4	Elements: 2

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:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	**Party function code qualifier**	M	an	1/3	Must use

Description: Code giving specific meaning to a party.

Code List Summary (Total Codes: 547, Included: 2)

Code	Name
SF	Ship from
ST	Ship to (Plant ID)

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD020	C082	**PARTY IDENTIFICATION DETAILS**	C	Comp		Must use

Description: Identification of a transaction party by code.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD020-010	3039	**Party identifier**	M	an	1/35	Must use

Description: Code specifying the identity of a party.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD020-030	3055	**Code list responsible agency code**	C	an	1/3	Must use

Description: Code specifying the agency responsible for a code list.

Code List Summary (Total Codes: 308, Included: 1)

Code	Name
92	Assigned by buyer or buyer's agent

User Note 1:
Both Ship from and Ship to are mandatory

Segment Group 16

Pos: 0520	**Repeat: 9999**
Conditional	
Group: 16	**Elements: N/A**

User Option (Usage): Must use

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0530	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	Must use
0770		Segment Group 25	C	9999	Must use

CPS   CONSIGNMENT PACKING SEQUENCE

Pos: 0530	Max: 1
Mandatory	
Group: 16	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:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
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	Not 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: 1)

Code	Name
4	No packaging hierarchy

Segment Group 25

Pos: 0770	**Repeat: 9999**
Conditional	
Group: 25	**Elements: N/A**

User Option (Usage): Must use

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0780	LIN	LINE ITEM	M	1	Must use
0790	PIA	ADDITIONAL PRODUCT ID	C	10	Must use
0810	QTY	QUANTITY	C	10	Must use
1060		Segment Group 33	C	10	Must use

LIN   LINE ITEM

<div style="border:1px solid black">

Pos: 0780   **Max: 1**

Mandatory

Group: 25   **Elements: 2**

</div>

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
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: 105, Included: 1)

Code	Name
IN	Buyer's item number

PIA ADDITIONAL PRODUCT ID

Pos: 0790	Max: 10
Conditional	
Group: 25	Elements: 3

User Option (Usage): Must use
Function: To specify additional or substitutional item identification codes.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
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)

Code	Name
1	Additional identification

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA020	C212	**ITEM NUMBER IDENTIFICATION**	M	Comp		Must use

Description: Goods identification for a specified source.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA020-010	7140	**Item identifier**	C	an	1/35	Must use

Description: To identify an item.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA020-020	7143	**Item type identification code**	C	an	1/3	Must use

Description: Coded identification of an item type.

Code List Summary (Total Codes: 105, Included: 2)

Code	Name
PO	Purchase order number
ZZZ	Mutually defined (Scheduling Agreement)

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA030	C212	**ITEM NUMBER IDENTIFICATION**	C	Comp		Must use

Description: Goods identification for a specified source.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA030-010	7140	**Item identifier**	C	an	1/35	Must use

Description: To identify an item.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA030-020	7143	**Item type identification code**	C	an	1/3	Must use

Description: Coded identification of an item type.

Code List Summary (Total Codes: 105, Included: 1)

Code	Name
PL	SA/PO line number

QTY   QUANTITY

Pos: 0810	**Max: 10**
Conditional	
Group: 25	**Elements: 1**

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

Element Summary:

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

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

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
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: 463, Included: 1)

Code	Name
48	Received quantity

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
QTY010-020	6060	**Quantity**	M	an	1/35	Must use

Description: Alphanumeric representation of a quantity.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
QTY010-030	6411	**Measurement unit code**	C	an	1/8	Used

Description: Code specifying the unit of measurement.

Segment Group 33

Pos: 1060	**Repeat: 10**
Conditional	
Group: 33	**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>
1070	RFF	REFERENCE	M	1	Must use

RFF   REFERENCE

Pos: 1070	**Max: 1**
Mandatory	
Group: 33	**Elements: 1**

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010	C506	**REFERENCE**	M	Comp		Must use
		Description: Identification of a reference.				
RFF010-010	1153	**Reference code qualifier**	M	an	1/3	Must use
		Description: Code qualifying a reference.				

Code List Summary (Total Codes: 765, Included: 1)

Code	Name
RE	Release number

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010-020	1154	**Reference identifier**	C	an	1/70	Must use
		Description: Identifies a reference.				

User Note 1:

Release number is 19 digits composed of PO / SA Number + Line Item number + Release Code

CNT CONTROL TOTAL

Pos: 1270	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Used
Function: To provide control total.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
CNT010	C270	**CONTROL**	M	Comp		Must use

Description: Control total for checking integrity of a message or part of a message.

CNT010-010	6069	**Control total type code qualifier**	M	an	1/3	Must use

Description: Code qualifying the type of control of hash total.

Code List Summary (Total Codes: 57, Included: 1)

Code	Name
2	Number of line items in message

CNT010-020	6066	**Control total quantity**	M	n	1/18	Must use

Description: To specify the value of a control quantity.

UNT MESSAGE TRAILER

Pos: 1280	**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:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
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.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
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.