



APERAK Application error and acknowledgement message

EDIFACT/D04A/APERAK : APERAK Application error and acknowledgement message

Version: 2.0

Company:

Lucid Motors

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Notes

The Lucid Motors Application Error and Acknowledgement Message (APERAK) is used to transmit reports of errors and acknowledgements in reply to messages received.

Please note that only the elements and sub-elements that are used in the transaction are present in the guide in order to improve readability

FREQUENCY: Lucid reply to DESADV and INVOIC messages received from Suppliers

TRANSMITTED FROM: Lucid Motors

TRANSMITTED TO: Suppliers 3PL Warehouses

PROVIDES

- Acceptance
- Acceptance with error details
- Rejected with rejection details

NOTATION:

M=Mandatory

O=Optional

X=Conditional

AN=Alphanumeric

Nx=Numeric with x decimal places

CHANGE LOG =====

APERAK VERSION 1,0	2020.08.27 - Initial version
APERAK VERSION 1.1	2020.08.29 – Lucid Internal review
APERAK VERSION 1.2	2020.09.15 – First Supplier release.
APERAK VERSION 2.0	2024.07.03 – Add 'AP' code to BGM_030

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APERAK

Application error and acknowledgement message

Message Status=4

Definition: The function of this message is: a) to inform a message issuer that his message has been received by the addressee's application and has been rejected due to errors encountered during its processing in the application. b) to acknowledge to a message issuer the receipt of his message by the addressee's application.

Not Defined:

<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	N0/0010	Must use
0020	BGM	BEGINNING OF MESSAGE	M	1	N0/0020	Must use
0030	DTM	DATE/TIME/PERIOD	C	9	N0/0030	Used
0040	FTX	FREE TEXT	C	9	N0/0040	Used
0090		Segment Group 2	C	9	N0/0090	Used
0100	RFF	REFERENCE	M	1	N0/0100	Must use
0120		Segment Group 3	C	9	N0/0120	Used
0130	NAD	NAME AND ADDRESS	M	1	N0/0130	Must use
0160		Segment Group 4	C	99999	N0/0160	Used
0170	ERC	APPLICATION ERROR INFORMATION	M	1	N0/0170	Must use
0190		Segment Group 5	C	9	N0/0190	Used
0200	RFF	REFERENCE	M	1	N0/0200	Must use
0210	FTX	FREE TEXT	C	9	N0/0210	Used
0220	UNT	MESSAGE TRAILER	M	1	N0/0220	Must use

Clarification:

- 0/0010 A service segment starting and uniquely identifying a message. The message type code for the Application error and acknowledgement message is APERAK. Note: Application error and acknowledgement messages conforming to this document must contain the following data in segment UNH, composite S009: Data element 0065 APERAK 0052 D 0054 04A 0051 UN
- 0/0020 A segment to indicate the type and function of the message and to transmit the identifying number.
- 0/0030 A segment to specify related date/time.
- 0/0040 A segment to specify free form or processable supplementary information related to the whole message. In computer-to-computer exchanges free form text will normally require the receiver to process this segment manually.
- 0/0090 A group of segments to specify the document/message to which the current message relates, and related date and time.
- 0/0100 A segment to indicate the reference number of the document/message.
- 0/0120 A group of segments to specify the identifications of message sender and message receiver with their contacts and communication channels.
- 0/0130 A segment to specify the identification of the message issuer and message receiver.
- 0/0160 A group of segments to identify the application error(s) within a specified received message and to give specific details related to the error type or to precise the type of acknowledgement.
- 0/0170 A segment identifying the type of application error or acknowledgement within the referenced message. In case of an error, the error code may specify the error in detail (e.g. a measurement relating to a piece of equipment is wrong) or as a rough indication (e.g. a measurement is wrong).
- 0/0190 A group of segments to specify the functional entity reference (e.g. goods item level, equipment level) relating to the specified error; further details can be added to identify the error more precisely.
- 0/0200 A segment to provide a reference relating to the acknowledgement type or the specified error (e.g. functional entity reference such as equipment level).
- 0/0210 A segment to provide additional details relating to the reference, e.g. the content of the wrong data (and its exact place in the message).
- 0/0220 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:

<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.				
		Code List Summary (Total Codes: 210, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		APERAK	Application error and acknowledgement 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: 30, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		04A	Release 2004 - 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			

Notes:

1. Data element S009/0057 is retained for upward compatibility. The use of S016 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:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp		Used
Description: Identification of a document/message by its number and eventually its version or revision.						
BGM020-010	1004	Document identifier	C	an	1/35	Used
Description: To identify a document.						
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)						
		<u>Code</u>		<u>Name</u>		
		9		Original		
BGM040	4343	Response type code	C	an	1/3	Used
Description: Code specifying the type of acknowledgment required or transmitted.						
Code List Summary (Total Codes: 23, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		AP		Accepted		
		CA		Conditionally accepted		
		RE		Rejected		

DTM DATE/TIME/PERIOD

Pos: 0030	Max: 9
Group: N/A	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: 747, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		137		Document/message date/time		
DTM010-020	2380	Date or time or period text	C	an	1/35	Used
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: 80, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		203		CCYYMMDDHHMM		

FTX

FREE TEXT

Pos: 0040	Max: 9
Group: N/A	Elements: 2
Conditional	

User Option (Usage): Used

Function: To provide free form or coded text information.

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>
FTX010	4451	Text subject code qualifier	M	an	1/3	Must use
Description: Code qualifying the subject of the text.						
Code List Summary (Total Codes: 352, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		AAP		Response (free text)		
FTX030	C107	TEXT REFERENCE	C	Comp		Used
Description: Coded reference to a standard text and its source.						
FTX030-010	4441	Free text description code	M	an	1/17	Must use

Description: Code specifying free form text.

User Note 1: Actual message names to which a response may be generated, possible values include: DESADV, DELFOR, or INVOIC.

Segment Group 2

Pos: 0090	Repeat: 9
Conditional	
Group: 2	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>
0100	RFF	REFERENCE	M	1	Must use

RFF REFERENCE

Pos: 0100	Max: 1
Mandatory	
Group: 2	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
Description: Code qualifying a reference.						
Code List Summary (Total Codes: 770, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		TN		Transaction reference number		
RFF010-020	1154	Reference identifier	C	an	1/70	Used
Description: Identifies a reference.						

Segment Group 3

Pos: 0120	Repeat: 9
Conditional	
Group: 3	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>
0130	NAD	NAME AND ADDRESS	M	1	Must use

NAD NAME AND ADDRESS

Pos: 0130	Max: 1
Mandatory	
Group: 3	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:

<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
		Description: Code giving specific meaning to a party.				
		Code List Summary (Total Codes: 550, Included: 2)				
		<u>Code</u>		<u>Name</u>		
		FR		Message from		
		MR		Message recipient		
NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp		Used
		Description: Identification of a transaction party by code.				
NAD020-010	3039	Party identifier	M	an	1/35	Must use
		Description: Code specifying the identity of a party.				
NAD020-030	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: 308, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		92		Assigned by buyer or buyer's agent		

Segment Group 4

Pos: 0160	Repeat: 99999
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>
0170	ERC	APPLICATION ERROR INFORMATION	M	1	Must use
0190		Segment Group 5	C	9	Used

ERC APPLICATION ERROR INFORMATION

Pos: 0170	Max: 1
Mandatory	
Group: 4	Elements: 1

User Option (Usage): Must use

Function: To identify the type of application error within 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>
ERC010	C901	APPLICATION ERROR DETAIL	M	Comp		Must use
Description: Code assigned by the recipient of a message to indicate a data validation error condition.						
ERC010-010	9321	Application error code	M	an	1/8	Must use
Description: Code specifying an application error.						
User Note 1:						
<i>024 - Other unlisted reason</i>						

Segment Group 5

Pos: 0190	Repeat: 9
Conditional	
Group: 5	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>
0200	RFF	REFERENCE	M	1	Must use
0210	FTX	FREE TEXT	C	9	Used

RFF REFERENCE

Pos: 0200	Max: 1
Mandatory	
Group: 5	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
Description: Code qualifying a reference.						
Code List Summary (Total Codes: 770, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		SI		SID (Shipper's identifying number for shipment)		
		ABU		Article number (Part number)		
RFF010-020	1154	Reference identifier	C	an	1/70	Used
Description: Identifies a reference.						
User Note 1: <i>This value will be the Shipment ID number or relevant part number for transactions where the Shipment ID number is not present.</i>						

FTX

FREE TEXT

Pos: 0210	Max: 9
Conditional	
Group: 5	Elements: 2

User Option (Usage): Used

Function: To provide free form or coded text information.

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>
FTX010	4451	Text subject code qualifier	M	an	1/3	Must use
Description: Code qualifying the subject of the text.						
Code List Summary (Total Codes: 352, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		AAO		Error description (free text)		
		ABO		Discrepancy information		
FTX040	C108	TEXT LITERAL	C	Comp		Used
Description: Free text; one to five lines.						
FTX040-010	4440	Free text	M	an	1/512	Must use
Description: Free form text.						

UNT MESSAGE TRAILER

Pos: 0220	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:

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