



Global DELJIT / VDA 4986

EDIFACT/D13A/DELJIT : DELJIT Delivery just in time message

Version: 1.1 Final

Publication:
Notes:

June 2016
Based on VDA 4986,
Version 1.1, March 2016

Change Log

Version 1.1 - June 2016	
Segment	Comment
UNB 0010	S00 001 included Qualifier UNOC
BGM 4343	Deleted Segment as not used in EDI message
BGM 1373	Deleted Segment as not used in EDI message
BGM 0030	C106 020 User Status from Required to Optional
BGM 1000	From Future to Optional
SG2 NAD	Ultimate Customer whole segment group removed, not used
SG4 LOC	0710 Changed Usage -> User Status from Required to Optional
SG4 GIR(4)	C206 7405 Qualifier excluded VV not used XB not used XC not used XD not used XE not used XF not used XG not used XH not used XI not used XJ not used XK not used XL not used XM not used
SG6	new segment group added in alignment with VDA committee, approved change request
SG7	new segment group added in alignment with VDA committee, approved change request
SG4 C296	Element set to Optional. SEQ Sequence details <i>Pre-production vehicles and prototypes can be released without a production sequence number</i>

Version 1.0 - February 2015	
Initial version, subset of VDA recommendation 4986, Version 1.1, June 2014	

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DELJIT

Delivery just in time message

Definition:

Heading:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage	Page
0010	UNB	Interchange header	M	1		Required	2
0020	UNH	Message header	M	1		Required	4
0030	BGM	Beginning of message	M	1	N1/0030	Required	5
0040	DTM	Document generation	M	1	N1/0040	Required	6
0050	FTX	Call off type	C	1	N1/0050	Required	7
0060		Segment Group 2	C	1	N1/0060	Required	8
0070	NAD	Buyer	M	1	N1/0070	Required	9
0080		Segment Group 2	C	1	N1/0080	Optional	11
0090	NAD	Seller	M	1	N1/0090	Required	12
0100		Segment Group 2	C	1	N1/0100	Required	14
0110	NAD	Ship from	M	1	N1/0110	Required	15
0120		Segment Group 2	C	1	N1/0120	Required	17
0130	NAD	Ship to	M	1	N1/0130	Required	18
0140	LOC	Internal place of consumption	C	2	N1/0140	Optional	20

Detail:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage	Page
0150		Segment Group 4	M	9999	N2/0150	Required	21
0160	SEQ	Sequence details	M	1	N2/0160	Required	22
0170	DTM	Production date/time/window	C	2	N2/0170	Optional	23
0180	DTM	Expected arrival date	C	1	N2/0180	Required	24
0190	GIR	Reorder information	O	5	N2/0190	Optional	25
0200	GIR	Manufacturing reference number	C	10	N2/0200	Dependent	26
0210	LOC	Internal place of consumption	O	1	N2/0210	Optional	28
0220		Segment Group 6	C	5	N2/0220	Optional	29
0230	PAC	Package	M	1	N2/0230	Required	30
0240		Segment Group 7	C	999	N2/0240	Optional	31
0250	PCI	Package identification	M	1	N2/0250	Required	32
0260	GIN	Goods identity number	C	10	N2/0260	Optional	33
0270		Segment Group 8	C	9999	N2/0270	Dependent	34
0280	LIN	Line item identifier	M	1	N2/0280	Required	35
0290	PIA	Additional product identification	O	1	N2/0290	Optional	36
0300		Segment Group 13	C	1	N2/0300	Required	38
0310	QTY	Quantity	M	1	N2/0310	Required	39

Summary:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage	Page
0320	UNT	Message trailer	M	1	N3/0320	Required	40
0330	UNZ	Interchange trailer	M	1		Required	41

UNB Interchange header

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 11

User Option (Usage): Required

Function: To start, identify and specify an interchange.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNB010	S001	SYNTAX IDENTIFIER	M	Comp		Required
UNB010-010	0001	Syntax identifier	M	a	1/4	Required
		<u>Code</u> <u>Name</u>				
		UNOA UN/ECE level A				
		UNOC UN/ECE level C				
UNB010-020	0002	Syntax version number	M	n	1/1	Required
		<u>Code</u> <u>Name</u>				
		2 Version 2				
		3 Version 3				
UNB020	S002	Interchange sender	M	Comp		Required
UNB020-010	0004	Sender identification	M	an	1/35	Required
UNB020-020	0007	Partner identification code qualifier	C	an	1/4	Optional
		<u>Code</u> <u>Name</u>				
		1 DUNS (Data Universal Numbering System)				
		9 DUNS (Data Universal Numbering System) with 4 digit suffix				
		18 AIAG (Automotive Industry Action Group)				
		59 ODETTE (Organization for Data Exchange through Tele-Transmission in Europe)				
		61 SCAC (Standard Carrier Alpha Code)				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
		ZZZ Mutually defined				
UNB020-030	0008	Address for reverse routing	C	an	1/14	Optional
UNB030	S003	Interchange recipient	M	Comp		Required
UNB030-010	0010	Recipient identification	M	an	1/35	Required
UNB030-020	0007	Partner identification code qualifier	C	an	1/4	Optional
		Description:				
		<i>for code list see interchange sender</i>				
UNB030-030	0014	Routing address	C	an	1/14	Optional
UNB040	S004	Date/Time of preperation	M	Comp		Required
UNB040-010	0017	Date of preparation	M	n	1/6	Required
UNB040-020	0019	Time of preparation	M	n	1/4	Required
UNB050	0020	Interchange control reference	M	an	1/14	Required
UNB060	S005	Recipients reference password	C	Comp		Not used
UNB060-010	0022	Recipient's reference/password	M	an	1/14	Not used
UNB060-020	0025	Recipient's reference/password qualifier	C	an	2/2	Not used
UNB070	0026	Application reference	C	an	1/14	Not used

UNB080	0029	Processing priority code	C	a	1/1	Not used
UNB090	0031	Acknowledgement request	C	n	1/1	Not used
UNB100	0032	Cummunications agreement ID	C	an	1/35	Not used
UNB110	0035	Test indicator	C	n	1/1	Optional

<u>Code</u>	<u>Name</u>
1	Interchange is a test

Magna Usage:

Magna prefers to use the DUNS number or protocol specific sender and recipient codes (AS2 ID or OFTP SFID) if required other sender & receiver codes can be defined at the connection setup.

Example:

UNB+UNOC:3+O0013000438STEYR+O0013000161LEMGER02+151112:1430+15620797'

UNH Message header

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 4

User Option (Usage): Required

Function: To head, identify and specify a message.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH010	0062	Message reference number	M	an	1/14	Required
		Description: <i>Message reference number should be unique for an agreed period of time. (Eg. Calendar year, model year)</i>				
UNH020	S009	Message identifier	M	Comp		Required
UNH020-010	0065	Message type	M	an	1/6	Required
		Code Name DELJIT Delivery just in time message				
UNH020-020	0052	Message version number	M	an	1/3	Required
		Code Name D Draft version/UN/EDIFACT Directory				
UNH020-030	0054	Message release number	M	an	1/3	Required
		Code Name 13A Release 2013 - A				
UNH020-040	0051	Controlling agency, coded	M	an	1/2	Required
		Code Name UN UN/CEFACT				
UNH020-050	0057	Association assigned code	C	an	1/6	Optional
		Description: <i>Identifying the subset in use, assigned by responsible agency</i> GAVE11 VDA DELJIT Version 1.1				
UNH030	0068	Common access reference	C	an	1/35	Not used
UNH040	S010	STATUS OF THE TRANSFER	C	Comp		Optional
UNH040-010	0070	Sequence of transfers	M	n	1/2	Not used
UNH040-020	0073	First and last transfer	C	a	1/1	Not used

Example:

UNH+123456+DELJIT:D:013A:UN:GAVE11"

BGM Beginning of message

Pos: 0030	Max: 1
Mandatory	
Group: N/A	Elements: 3

User Option (Usage): Required

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		Required
BGM010-010	1001	Document name code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		225 Repair order				
		307 Sequenced delivery schedule				
		340 Shipping instructions				
BGM010-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		6 UN/ECE (United Nations - Economic Commission for Europe)				
BGM010-040	1000	Document name	C	an	1/35	Optional
		Magna Usage: <i>call of type from ERP</i>				
BGM020	C106	Document/Message identification	C	Comp		Optional
BGM020-010	1004	Document identifier	C	an	1/70	Required
BGM030	1225	Message function code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		9 Original				

Example:

BGM+307:::PAT+10472219+9'

DTM Document generation

Pos: 0040	Max: 1
Mandatory	
Group: N/A	Elements: 1

User Option (Usage): Required

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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		137 creation timestamp from ERP				
DTM010-020	2380	Date or time or period text	C	an	1/35	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+137:19970611:102'

FTX

Call off type

Pos: 0050	Max: 1
Conditional	
Group: N/A	Elements: 6

User Option (Usage): Required

Function: To provide the call off type and other relevant 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	Required
		<u>Code</u> <u>Name</u>				
		AAI General information				
FTX020	4453	Free text function code	C	an	1/3	Not used
FTX030	C107	TEXT REFERENCE	C	Comp		Required
FTX030-010	4441	Free text description code	M	an	1/17	Required
		Description: AAB = PAV/VPAB – sequenced forecast (planned production sequence, order BOM) AAB = PAT/TPAB – sequenced forecast (frozen order BOM) AAC = PAS/SPAB – sequenced call off (final production sequence) AAC = PAN/NPAB – reorder (also using 225 in BGM) Example: FTX+AAI++AAB'				
		<u>Code</u> <u>Name</u>				
		AAA Order forecast				
		AAB JIS Forecast				
		AAC JIS Call off				
		AAD JIS Status message				
FTX030-020	1131	Code list identification code	C	an	1/17	Not used
FTX030-030	3055	Code list responsible agency code	C	an	1/3	Not used
FTX040	C108	TEXT LITERAL	C	Comp		Optional
FTX040-010	4440	Free text	M	an	1/512	Required
FTX040-020	4440	Free text	C	an	1/512	Not used
FTX040-030	4440	Free text	C	an	1/512	Not used
FTX040-040	4440	Free text	C	an	1/512	Not used
FTX040-050	4440	Free text	C	an	1/512	Not used
FTX050	3453	Language name code	C	an	1/3	Optional
FTX060	4447	Free text format code	C	an	1/3	Not used

Segment Group 2

Pos: 0060	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Required

Function: Ship from

A group of segments identifying names and addresses and their functions relevant for the whole Delivery Just In Time Message.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0070	NAD	Buyer	M	1	Required

NAD Buyer

Pos: 0070	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Required

Function: Ship from

A segment for identifying names and addresses and their functions relevant for the whole Delivery Just In Time 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>
NAD010	3035	Party function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		BY Buyer				
NAD020	C082	Party identification details	C	Comp		Optional
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/70	Required
NAD040-020	3036	Party name	C	an	1/70	Optional
NAD040-030	3036	Party name	C	an	1/70	Not used
NAD040-040	3036	Party name	C	an	1/70	Not used
NAD040-050	3036	Party name	C	an	1/70	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional

NAD070	C819	Country subdivision details	C	Comp		Optional
NAD070-010	3229	Country subdivision identifier	C	an	1/9	Optional
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country subdivision name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country identifier	C	an	1/3	Optional

Example:

NAD+BY+100005::16++MAGNA STEYR FAHRZEUG'

Segment Group 2

Pos: 0080	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Optional

Function: Ship from

A group of segments identifying names and addresses and their functions relevant for the whole Delivery Just In Time Message.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0090	NAD	Seller	M	1	Required

NAD Seller

Pos: 0090	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Required

Function: Ship from

A segment for identifying names and addresses and their functions relevant for the whole Delivery Just In Time Message

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	Party function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		SE Seller				
NAD020	C082	Party identification details	C	Comp		Optional
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/70	Required
NAD040-020	3036	Party name	C	an	1/70	Optional
NAD040-030	3036	Party name	C	an	1/70	Not used
NAD040-040	3036	Party name	C	an	1/70	Not used
NAD040-050	3036	Party name	C	an	1/70	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional

NAD070	C819	Country subdivision details	C	Comp		Optional
NAD070-010	3229	Country subdivision identifier	C	an	1/9	Optional
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country subdivision name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country identifier	C	an	1/3	Optional

Example:

NAD+SE+080560::92++COMPANY GmbH

Segment Group 2

Pos: 0100	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Required

Function: Ship from

A group of segments identifying names and addresses and their functions relevant for the whole Delivery Just In Time Message.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0110	NAD	Ship from	M	1	Required

NAD Ship from

Pos: 0110	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Required

Function: Ship from

A segment for identifying names and addresses and their functions relevant for the whole Delivery Just In Time 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>
NAD010	3035	Party function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		SF Ship from				
NAD020	C082	Party identification details	C	Comp		Optional
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/70	Required
NAD040-020	3036	Party name	C	an	1/70	Optional
NAD040-030	3036	Party name	C	an	1/70	Not used
NAD040-040	3036	Party name	C	an	1/70	Not used
NAD040-050	3036	Party name	C	an	1/70	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional

NAD070	C819	Country subdivision details	C	Comp		Optional
NAD070-010	3229	Country subdivision identifier	C	an	1/9	Optional
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country subdivision name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country identifier	C	an	1/3	Optional

Example:

NAD+SF+SEQ_139950::92'

Segment Group 2

Pos: 0120	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Required

Function: Ship to

A group of segments identifying names and addresses and their functions relevant for the whole Delivery Just In Time Message.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0130	NAD	Ship to	M	1	Required
0140	LOC	Internal place of consumption	C	2	Optional

NAD Ship to

Pos: 0130	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Required

Function: To specify the name/address and their related function.

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	Required
		<u>Code</u> <u>Name</u>				
		ST Ship to				
NAD020	C082	Party identification details	C	Comp		Required
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/70	Required
NAD040-020	3036	Party name	C	an	1/70	Optional
NAD040-030	3036	Party name	C	an	1/70	Not used
NAD040-040	3036	Party name	C	an	1/70	Not used
NAD040-050	3036	Party name	C	an	1/70	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional
NAD070	C819	Country subdivision details	C	Comp		Optional

NAD070-010	3229	Country subdivision identifier	C	an	1/9	Optional
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country subdivision name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country identifier	C	an	1/3	Optional

Example:

NAD+ST+THO::92++MAGNA STEYR Fahrzeugtechnik AG & Co'

LOC

Internal place of consumption

Pos: 0140	Max: 2
Conditional	
Group: 2	Elements: 2

Loop Path: Group 2

User Option (Usage): Optional

Function: Unloading point / internal place of consumption

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LOC010	3227	Location function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		11 Place of discharge				
		54 Manufacturing department				
LOC020	C517	Location identification	C	Comp		Required
LOC020-010	3225	Location name code	C	an	1/35	Optional
LOC020-020	1131	Code list identification code	C	an	1/17	Optional
LOC020-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		92 Assigned by buyer or buyer's agent				
LOC020-040	3224	Location name	C	an	1/256	Optional

Example:

LOC+11+XC'

Segment Group 4

Pos: 0150	Repeat: 9999
Mandatory	
Group: 4	Elements: N/A

User Option (Usage): Required

Function: detail level - JIS delivery instruction

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0160	SEQ	Sequence details	M	1	Required
0170	DTM	Production date/time/window	C	2	Optional
0180	DTM	Expected arrival date	C	1	Required
0190	GIR	Reorder information	O	5	Optional
0200	GIR	Manufacturing reference number	C	10	Dependent
0210	LOC	Internal place of consumption	O	1	Optional
0220		Segment Group 6	C	5	Optional
0270		Segment Group 8	C	9999	Dependent

SEQ

Sequence details

Pos: 0160	Max: 1
Mandatory	
Group: 4	Elements: 2

Loop Path: Group 4

User Option (Usage): Required

Function: To provide details relating to the sequence.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
SEQ010	1229	Action code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		37 Cancelled				
		38 Replaced				
		39 New				
SEQ020	C286	Sequence information	C	Comp		Optional
SEQ020-010	1050	Sequence position identifier	M	an	1/10	Required

Magna Usage:
Sequence number

Magna Usage:

Pre-series vehicles and prototypes can be released without a production sequence number

Example:

SEQ+39+0002300437'

DTM

Production date/time/window

Pos: 0170	Max: 2
Conditional	
Group: 4	Elements: 1

Loop Path: Group 4

User Option (Usage): Optional

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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		194 Start date/time				
		206 End date/time				
DTM010-020	2380	Date or time or period text	C	an	1/35	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Description:

estimated production start / window of the scheduled order

Example:

DTM+194:200509040830:203'

DTM Expected arrival date

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

Loop Path: Group 4

User Option (Usage): Required

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		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u>		<u>Name</u>		
		2		Delivery date/time, requested		
		Magna Usage:				
		Soll- Wareneingangstermin SWET				
DTM010-020	2380	Date or time or period text	C	an	1/35	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u>		<u>Name</u>		
		102		CCYYMMDD		
		203		CCYYMMDDHHMM		

Example:

DTM+2:200509010830:203'

GIR Reorder information

Pos: 0190	Max: 5
Group: 4	Optional Elements: 6

Loop Path: Group 4

User Option (Usage): Optional

Function: To specify a related set of identification numbers.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
GIR010	7297	Set type code qualifier	M	an	1/3	Required
		<u>Code</u> 1				
		<u>Name</u> Product				
GIR020	C206	Identification number	M	Comp		Required
GIR020-010	7402	Object identifier	M	an	1/35	Required
GIR020-020	7405	Object identification code qualifier	C	an	1/3	Not used
GIR020-030	4405	Status description code	C	an	1/3	Not used
GIR030	C206	Identification number	C	Comp		Optional
GIR030-010	7402	Object identifier	M	an	1/35	Required
GIR030-020	7405	Object identification code qualifier	C	an	1/3	Not used
GIR030-030	4405	Status description code	C	an	1/3	Not used
GIR040	C206	Identification number	C	Comp		Optional
GIR040-010	7402	Object identifier	M	an	1/35	Required
GIR050	C206	Identification number	C	Comp		Optional
GIR050-010	7402	Object identifier	M	an	1/35	Required
GIR060	C206	Identification number	C	Comp		Optional
GIR060-010	7402	Object identifier	M	an	1/35	Required

Example:

GIR+1+MSF+KANTE BESCH?DIGT+000002032344000002032314'

GIR

Manufacturing reference number

Pos: 0200	Max: 10
Conditional	
Group: 4	Elements: 6

Loop Path: Group 4

User Option (Usage): Dependent

Function: To specify a related set of identification numbers.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
GIR010	7297	Set type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		4 Vehicle reference set				
GIR020	C206	Identification number	M	Comp		Required
GIR020-010	7402	Object identifier	M	an	1/35	Required
GIR020-020	7405	Object identification code qualifier	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AN Manufacturing reference number				
		AP Product				
		XA Modul				
		XN Assembly Line				
GIR020-030	4405	Status description code	C	an	1/3	Not used
GIR030	C206	Identification number	C	Comp		Optional
GIR030-010	7402	Object identifier	M	an	1/35	Required
GIR030-020	7405	Object identification code qualifier	C	an	1/3	Required
		Description: see 7405#1				
GIR030-030	4405	Status description code	C	an	1/3	Not used
GIR040	C206	Identification number	C	Comp		Optional
GIR040-010	7402	Object identifier	M	an	1/35	Required
GIR040-020	7405	Object identification code qualifier	C	an	1/3	Required
		Description: see 7405#1				
GIR040-030	4405	Status description code	C	an	1/3	Not used
GIR050	C206	Identification number	C	Comp		Optional
GIR050-010	7402	Object identifier	M	an	1/35	Required
GIR050-020	7405	Object identification code qualifier	C	an	1/3	Required
		Description: see 7405#1				
GIR050-030	4405	Status description code	C	an	1/3	Not used
GIR060	C206	Identification number	C	Comp		Optional
GIR060-010	7402	Object identifier	M	an	1/35	Required
GIR060-020	7405	Object identification code qualifier	C	an	1/3	Required
		Description: see 7405#1				
GIR060-030	4405	Status description code	C	an	1/3	Not used

Example:

GIR+4+74214600840:AN+XD52:AP+VALR60:XA+IB1:XN'

LOC Internal place of consumption

Pos: 0210	Max: 1
Optional	
Group: 4	Elements: 2

Loop Path: Group 4

User Option (Usage): Optional

Function: To identify a place or a location and/or related locations.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LOC010	3227	Location function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		159 Additional internal destination				
LOC020	C517	Location identification	C	Comp		Required
LOC020-010	3225	Location identifier	C	an	1/35	Required

Example:

LOC+159+0050M3100000'

Segment Group 6

Pos: 0220	Repeat: 5
Conditional	
Group: 6	Elements: N/A

Loop Path: Group 4

User Option (Usage): Optional

Function: To provide additional packaging information and labelstring

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0230	PAC	Package	M	1	Required
0240		Segment Group 7	C	999	Optional

PAC Package

Pos: 0230	Max: 1
Group: 6	Elements: 5

Loop Path: Group 4-Group 6

User Option (Usage): Required

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	Optional
PAC020	C531	PACKAGING DETAILS	C	Comp		Optional
PAC020-010	7075	Packaging level code	C	an	1/3	Not used
PAC020-020	7233	Packaging related description code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		35 Type of package				
PAC020-030	7073	Packaging terms and conditions code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		AAA One way packaging, supplier pays				
		AAB One way packaging, customer pays				
		AAC Customer's returnable package item				
		AAD Supplier's returnable package item				
		AAE Service provider's returnable package item				
PAC030	C202	PACKAGE TYPE	C	Comp		Optional
PAC030-010	7065	Package type description code	C	an	1/17	Optional
PAC030-020	1131	Code list identification code	C	an	1/17	Not used
PAC030-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
PAC030-040	7064	Type of packages	C	an	1/35	Not used
PAC040	C402	PACKAGE TYPE IDENTIFICATION	C	Comp		Optional
PAC040-010	7077	Description format code	M	an	1/3	Not used
PAC040-020	7064	Type of packages	M	an	1/35	Required
PAC040-030	7143	Item type identification code	C	an	1/3	Not used
PAC040-040	7064	Type of packages	C	an	1/35	Not used
PAC040-050	7143	Item type identification code	C	an	1/3	Not used
PAC050	C532	RETURNABLE PACKAGE DETAILS	C	Comp		Optional
PAC050-010	8395	Returnable package freight payment responsibility code	C	an	1/3	Not used
PAC050-020	8393	Returnable package load contents code	C	an	1/3	Not used

Example:

PAC+1+:35+COPACK::92'

Segment Group 7

Pos: 0240	Repeat: 999
Conditional	
Group: 7	Elements: N/A

Loop Path: Group 4-Group 6
User Option (Usage): Optional
Function:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0250	PCI	Package identification	M	1	Required
0260	GIN	Goods identity number	C	10	Optional

PCI Package identification

Pos: 0250	Max: 1
Mandatory	
Group: 7	Elements: 4

Loop Path: Group 4-Group 6-Group 7

User Option (Usage): Required

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage						
PCI010	4233	Marking instructions code	C	an	1/3	Optional						
		Description: 3 - data to be printed as data matrix code DMC on the label in section E2 (see VDA 4994 for reference) 16 - data to be printed as text on the label in section E2 (see VDA 4994 for reference). <table><tr><th>Code</th><th>Name</th></tr><tr><td>3</td><td>Mark customers references</td></tr><tr><td>16</td><td>Buyer's instructions</td></tr></table>	Code	Name	3	Mark customers references	16	Buyer's instructions				
Code	Name											
3	Mark customers references											
16	Buyer's instructions											
PCI020	C210	MARKS & LABELS	C	Comp		Optional						
PCI020-010	7102	Shipping marks description	M	an	1/35	Required						
PCI020-020	7102	Shipping marks description	C	an	1/35	Optional						
PCI020-030	7102	Shipping marks description	C	an	1/35	Optional						
PCI020-040	7102	Shipping marks description	C	an	1/35	Optional						
PCI020-050	7102	Shipping marks description	C	an	1/35	Optional						
PCI020-060	7102	Shipping marks description	C	an	1/35	Optional						
PCI020-070	7102	Shipping marks description	C	an	1/35	Optional						
PCI020-080	7102	Shipping marks description	C	an	1/35	Optional						
PCI020-090	7102	Shipping marks description	C	an	1/35	Optional						
PCI020-100	7102	Shipping marks description	C	an	1/35	Optional						
PCI030	8169	Full or empty indicator code	C	an	1/3	Not used						
PCI040	C827	TYPE OF MARKING	C	Comp		Optional						
PCI040-010	7511	Marking type code	M	an	1/3	Required						
PCI040-020	1131	Code list identification code	C	an	1/17	Optional						
PCI040-030	3055	Code list responsible agency code	C	an	1/3	Optional						

Magna Usage:

NA transmitted for not assigned

Example:

PCI+16+NA'

GIN

Goods identity number

Pos: 0260	Max: 10
Conditional	
Group: 7	Elements: 6

Loop Path: Group 4-Group 6-Group 7

User Option (Usage): Optional

Function: To give specific identification numbers, either as single numbers or ranges.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
GIN010	7405	Object identification code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AO Position number in package				
		BU Package buyer assigned identifier				
		ML Marking/label number				
GIN020	C208	IDENTITY NUMBER RANGE	M	Comp		Required
GIN020-010	7402	Object identifier	M	an	1/35	Required
GIN020-020	7402	Object identifier	C	an	1/35	Optional
GIN030	C208	IDENTITY NUMBER RANGE	C	Comp		Optional
GIN030-010	7402	Object identifier	M	an	1/35	Required
GIN030-020	7402	Object identifier	C	an	1/35	Optional
GIN040	C208	IDENTITY NUMBER RANGE	C	Comp		Optional
GIN040-010	7402	Object identifier	M	an	1/35	Required
GIN040-020	7402	Object identifier	C	an	1/35	Optional
GIN050	C208	IDENTITY NUMBER RANGE	C	Comp		Optional
GIN050-010	7402	Object identifier	M	an	1/35	Required
GIN050-020	7402	Object identifier	C	an	1/35	Optional
GIN060	C208	IDENTITY NUMBER RANGE	C	Comp		Optional
GIN060-010	7402	Object identifier	M	an	1/35	Required
GIN060-020	7402	Object identifier	C	an	1/35	Optional

Magna Usage:

for Magna Steyr complete barcode labelstring for module will be transmitted

Example:

GIN+ML+X74214600_840_VALR60'

Segment Group 8

Pos: 0270	Repeat: 9999
Conditional	
Group: 8	Elements: N/A

Loop Path: Group 4

User Option (Usage): Dependent

Function: Line item level

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0280	LIN	Line item identifier	M	1	Required
0290	PIA	Additional product identification	O	1	Optional
0300		Segment Group 13	C	1	Required

LIN

Line item identifier

Pos: 0280	Max: 1
Mandatory	
Group: 8	Elements: 3

Loop Path: Group 4-Group 8

User Option (Usage): Required

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	Optional
LIN020	1229	Action code	C	an	1/3	Not used
LIN030	C212	Item number identification	C	Comp		Required
LIN030-010	7140	Item identifier	C	an	1/35	Required
LIN030-020	7143	Item type identification code	C	an	1/3	Required
		<u>Code</u>	<u>Name</u>			
		IN	Buyer's item number			

Example:

LIN+1++1206597-01:IN'

PIA

Additional product identification

Pos: 0290	Max: 1
Group: 8	Optional
	Elements: 6

Loop Path: Group 4-Group 8

User Option (Usage): Optional

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	Required
		<u>Code</u> <u>Name</u>				
		1 Additional identification				
PIA020	C212	Item number identification	M	Comp		Required
PIA020-010	7140	Item identifier	C	an	1/35	Required
PIA020-020	7143	Item type identification code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AB Assembly				
		DR Drawing revision number				
		EC Engineering change level				
		GB Buyer's internal product group code				
PIA020-030	1131	Code list identification code	C	an	1/17	Not used
PIA020-040	3055	Code list responsible agency code	C	an	1/3	Not used
PIA030	C212	Item number identification	C	Comp		Optional
PIA030-010	7140	Item identifier	C	an	1/35	Required
PIA030-020	7143	Item type identification code	C	an	1/3	Required
		Description: see 7143#1				
PIA030-030	1131	Code list identification code	C	an	1/17	Not used
PIA030-040	3055	Code list responsible agency code	C	an	1/3	Not used
PIA040	C212	Item number identification	C	Comp		Optional
PIA040-010	7140	Item identifier	C	an	1/35	Required
PIA040-020	7143	Item type identification code	C	an	1/3	Required
		Description: see 7143#1				
PIA040-030	1131	Code list identification code	C	an	1/17	Not used
PIA040-040	3055	Code list responsible agency code	C	an	1/3	Not used
PIA050	C212	Item number identification	C	Comp		Optional
PIA050-010	7140	Item identifier	C	an	1/35	Required
PIA050-020	7143	Item type identification code	C	an	1/3	Required
		Description: see 7143#1				
PIA050-030	1131	Code list identification code	C	an	1/17	Not used
PIA050-040	3055	Code list responsible agency code	C	an	1/3	Not used
PIA060	C212	Item number identification	C	Comp		Optional
PIA060-010	7140	Item identifier	C	an	1/35	Required

PIA060-020	7143	Item type identification code	C	an	1/3	Required
		Description: <i>see 7143#1</i>				

Example:*PIA+1+B11BWEYS161:EC'*

Segment Group 13

Pos: 0300	Repeat: 1
Conditional	
Group: 13	Elements: N/A

Loop Path: Group 4-Group 8
User Option (Usage): Required
Function: Quantity to be delivered

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0310	QTY	Quantity	M	1	Required

QTY Quantity

Pos: 0310	Max: 1
Mandatory	
Group: 13	Elements: 1

Loop Path: Group 4-Group 8-Group 13
User Option (Usage): Required
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		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		113 Quantity to be delivered				
QTY010-020	6060	Quantity	M	an	1/35	Required
QTY010-030	6411	Measurement unit code	C	an	1/8	Optional

Description:
referring to UN/ECE Rec. 20

Magna Usage:

- . C62 - one
- . PCE - piece
- . KGM - kilogram
- . LTR - litre
- . MTR - metre
- . MTQ - cubic metre

Example:

QTY+113:1.000:PCE'

UNT

Message trailer

Pos: 0320	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Required

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	1/6	Required
UNT020	0062	Message reference number	M	an	1/14	Required

Example:

UNT+99+1'

UNZ

Interchange trailer

Pos: 0330	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Required

Function: To end and check the completeness of an interchange.

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>
UNZ010	0036	Interchange control count	M	n	1/6	Required
UNZ020	0020	Interchange control reference	M	an	1/14	Required

Example:

UNZ+1+12'

Testfiles & Guidelines

Testfiles and Guidelines can be found on our website
<http://supplyweb.magna.com/downloads/guidelines.htm>

Further Reference

Magna is following the VDA recommendations.
For additional information and detailed process description please see VDA reference documents:

VDA 4986 – Anhang1 – V1.2 März 2016 DE.pdf
VDA 4986_JIS Lieferabrufe (PAB)_Version 1.2_März 2016.pdf

<https://www.vda.de/de/verband/organisation/organisation-ausschuesse/arbeitskreis-kit/ak-kit-empfehlungen.html>
(German)

VDA 4986 – Annexe1 – V1.2 March 2016 EN.pdf
VDA 4986_JIS Delivery Instructions (PAB) Version 1.2_March 2016.pdf

<https://www.vda.de/en/association/organization/organization-committees/working-group-ict-and-edi/ict-and-edi-recommendations.html>
(English)

Support

For support feel free to contact edi.support@magna.com