



Magna IT EDI services

EDI Guideline

EDIFACT DELJIT D04B

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Change history

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1 Message structure

1.1 Segment table

Pos.	Segment	Repetitions	Usage
0000	—UNB Interchange header	x1	(M)
0010	—UNH Message header	x1	(M)
0020	—BGM Beginning of message	x1	(M)
0030	—DTM Date/time/period	x10	(M)
0040	—FTX Free text	x5	(C)
0050	—Segment Group 1	x10	(C)
0060	—RFF Reference	x1	(M)
0070	—DTM Date/time/period	x1	(C)
0080	—Segment Group 2	x20	(C)
0090	—NAD Name and address	x1	(M)
0100	—LOC Place/location identification	x10	(C)
0110	—FTX Free text	x5	(C)
0120	—Segment Group 3	x5	(C)
0130	—CTA Contact information	x1	(M)
0140	—COM Communication contact	x5	(C)
0150	—Segment Group 4	x9999	(M)
0160	—SEQ Sequence details	x1	(M)
0170	—DTM Date/time/period	x5	(C)
0180	—GIR Related identification numbers	x99	(C)
0190	—LOC Place/location identification	x5	(C)
0200	—Segment Group 5	x5	(C)
0210	—PAC Package	x1	(M)
0220	—Segment Group 6	x999	(C)
0230	—PCI Package identification	x1	(M)
0240	—GIN Goods identity number	x10	(C)
0250	—Segment Group 7	x9999	(C)
0260	—LIN Line item	x1	(M)
0270	—PIA Additional product id	x10	(C)
0280	—IMD Item description	x99	(C)
0290	—ALI Additional information	x5	(C)
0300	—GIR Related identification numbers	x5	(C)
0310	—FTX Free text	x5	(C)
0320	—PAC Package	x99	(C)
0330	—DTM Date/time/period	x9	(C)
0340	—Segment Group 8	x9	(C)
0350	—RFF Reference	x1	(M)

0360			└DTM Date/time/period	x1	(C)
0370			└Segment Group 9	x9	(C)
0380			└TDT Transport information	x1	(M)
0390			└TMD Transport movement details	x1	(C)
0400			└Segment Group 10	x99	(C)
0410			└LOC Place/location identification	x1	(M)
0420			└Segment Group 11	x5	(C)
0430			└CTA Contact information	x1	(M)
0440			└COM Communication contact	x5	(C)
0450			└Segment Group 12	x999	(C)
0460			└QTY Quantity	x1	(M)
0470			└SCC Scheduling conditions	x1	(C)
0480			└DTM Date/time/period	x9	(C)
0490			└Segment Group 13	x99	(C)
0500			└RFF Reference	x1	(M)
0510			└DTM Date/time/period	x1	(C)
0520			└Segment Group 14	x9	(C)
0530			└PRI Price details	x1	(M)
0540			└CUX Currencies	x1	(C)
0550			└DTM Date/time/period	x9	(C)
0560			└UNT Message trailer	x1	(M)
0000			└UNZ Interchange trailer	x1	(M)

M ... Mandatory , C ... Conditional

1.2 Segment description

UNB Interchange header

Group: N/A

Pos: 0000

Usage: Mandatory

Repetitions: 1

Ref	Tag	Name	ST	Form	Description / Comment
UNB010	S001	Syntax identifier	M	---	Identification of the agency controlling the syntax and indication of syntax level.
UNB010-010	0001	Syntax identifier	M	an4	'UNOC'
UNB010-020	0002	Syntax version number	M	an1	'3'
UNB020	S002	Interchange sender	M	---	Identification of the sender of the interchange
UNB020-010	0004	Sender identification	M	an..35	Magna prefers the plant's ODETTE SFID as sender identification
UNB030	S003	Interchange recipient	M	---	Identification of the recipient of the interchange
UNB030-010	0010	Recipient identification	M	an..35	Magna prefers the plant's ODETTE SFID as sender identification
UNB040	S004	Date of preparation	M	Comp	Date/time of preparation of the interchange
UNB040-010	0017	Date of preparation	M	n6	
UNB040-020	0019	Time of preparation	M	n4	
UNB050	0020	Interchange control reference	M	n..14	Unique reference assigned by the sender to an interchange

Example: UNB+UNOC:3+O0013009262MSI-GRAZ+Supplier ODETTE CODE+090910:0030+168608'

UNH message header

Group: N/A

Pos: 0010

Usage: Mandatory

Repetitions: 1

Ref	Tag	Name	ST	Form	Description / Comment
UNH010	0062	Message reference number	M	an..14	Magna uses the IDOC number as message reference.
UNH020	S009	Message identifier	M	---	Identification of the type, version, etc. of the message being interchanged
UNH020-010	0065	Message type	M	an..6	'DELJIT'
UNH020-020	0052	Message version number	M	an..3	'D'
UNH020-030	0054	Message release number	M	an..3	'04B'
UNH020-040	0051	Controlling agency, coded	M	an..3	'UN'

Example: UNH+00000000415874+DELJIT:D:04B:UN'

BGM Beginning of message

Group: N/A

Pos: 0020

Usage: Mandatory

Repetitions: 1

Ref	Tag	Name	ST	Form	Description / Comment
BGM010	C002	DOCUMENT/MESSAGE NAME	M	---	Identification of the agency controlling the syntax and indication of syntax level.
BGM010-010	1001	Document name code	M	an3	'307' Sequenced delivery schedule

Example: BGM+307'

DTM Date/time/period

Group: N/A

Pos: 0030

Usage: Mandatory

Repetitions: 10

Ref	Tag	Name	ST	Form	Description / Comment
DTM010	C507	DATE/TIME/PERIOD	M	---	.
DTM010-010	2005	Date or time or period function code qualifier	M	an3	'137' Document message date/time '2' Delivery date/time
DTM010-020	2380	Date or time or period text	M	an..35	
DTM010-030	2379	Date or time or period format code	M	an..3	'203' CCYYMMDDHHMM '204' CCYYMMDDHHMMSS

Example:

DTM+137:200905061715:203'

DTM+2:20090506171522:204'

Segment Group 2

Group: SG2

Pos: 0080

Usage: Mandatory

Repetitions: 20

Pos	Tag	Name	ST	Rep	Description / Comment
0090	NAD	NAME AND ADDRESS	M	1	.
0100	LOC	PLACE/LOCATION IDENTIFICATION	C	10	
0110	FTX	FREE TEXT	C	5	
0120		Segment Group 3	C	5	

NAD NAME AND ADDRESS

Group: SG2

Pos: 0090

Usage: Mandatory

Repetitions: 1

Ref	Tag	Name	ST	Form	Description / Comment
NAD010	3035	Party function code qualifier	M	an..3	'BY' Buyer 'ST' Ship to (Magna Site Nr.) 'SU' Supplier
NAD020	C082	PARTY IDENTIFICATION DETAILS	M	---	
NAD020-010	3039	Party identifier	M	an..35	
NAD020-030	3305	Code list responsible agency code	C	an..3	'92' Assigned by buyer or buyer's agent
NAD040	C080	PARTY NAME	C	---	
NAD040-010	3036	Party name	C	an..35	
NAD050	C059	STREET	C	---	
NAD050-010	3042	Street and number or post office box identifier	C	an..35	
NAD060	3164	City name	C	---	
NAD080	3251	Postal identification code	C	an..17	
NAD090	3207	Country name code	C	an..3	

Example:

NAD+BY+1642::92'

NAD+ST+THO5::92+MAGNA MODUL CENTER+PLANT+STREET+CITY++ZIP+DE'

LOC Place/Location Identification

Group: SG2

Pos: 0090

Usage: Conditional

Repetitions: 10

Ref	Tag	Name	ST	Form	Description / Comment
LOC010	3227	Location function code qualifier	M	an..3	'9' Place/port of loading '11' Place/port of discharge
LOC020	C517	LOCATION IDENTIFICATION	M	---	
LOC020-010	3225	Location name code	M	an..35	
LOC020-030	3055	Code list responsible agency code	C	an..3	'92' Assigned by buyer or buyer's agent

Example:

LOC+9+LA1::92'

Segment Group 4

Group: SG4 Pos: 0150 Usage: Mandatory Repetitions: 9999

Pos	Tag	Name	ST	Rep	Description / Comment
0160	SEQ	SEQUENCE DETAILS	M	1	.
0170	DTM	DATE/TIME/PERIOD	C	5	
0180	GIR	RELATED IDENTIFICATION NUMBERS	C	99	
0200		Segment Group 5	C	5	
0250		Segment Group 7	C	9999	

SEQ Sequence details

Group: SG4 Pos: 0160 Usage: Mandatory Repetitions: 1

Ref	Tag	Name	ST	Form	Description / Comment
SEQ010	1229	Action request/notification description code	M	an..3	'39' New
SEC020	C286	LOCATION IDENTIFICATION	C	---	
SEC020-010	1050	Sequence position identifier	M	an..10	

Example:
SEQ+3'

DTM Date/time/period

Group: SG4 Pos: 0170 Usage: Conditional Repetitions: 5

Ref	Tag	Name	ST	Form	Description / Comment
DTM010	C507	DATE/TIME/PERIOD	M	---	.
DTM010-010	2005	Date or time or period function code qualifier	M	an3	
DTM010-020	2380	Date or time or period text	M	an..35	
DTM010-030	2379	Date or time or period format code	M	an..3	'203' CCYYMMDDHHMM '204' CCYYMMDDHHMMSS

Example:
DTM+132:200905071230:203'
DTM+542:20090509111515:204'
DTM+4:200905071230:203'

GIR Related identification numbers

Group: SG4

Pos: 0180

Usage: Conditional

Repetitions: 99

Ref	Tag	Name	ST	Form	Description / Comment
GIR010	7297	Set type code qualifier	M	an..3	'4' Vehicle reference set '1' Product
GIR020	C206	IDENTIFICATION NUMBER	M	---	-
GIR020-010	7402	Object identifier	M	an..35	
GIR020-020	7405	Object identification code qualifier	M	an..3	'VV' Vehicle identity 'AN' Production Number 'AB' Sequence Number 'AC' Vehicle Type

Example:

GIR+1+999875546:AN'

GIR+4+12345678:VV'

GIR+4+987654:AB'

GIR+4+987654:AC'

Segment Group 7

Group: SG7

Pos: 0250

Usage: Mandatory

Repetitions: 9999

Pos	Tag	Name	ST	Rep	Description / Comment
0260	LIN	LINE ITEM	M	1	.
0270	PIA	ADDITIONAL PRODUCT ID	C	10	
0280	IMD	ITEM DESCRIPTION	C	99	
0290	ALI	ADDITIONAL INFORMATION	C	5	
0300	GIR	RELATED IDENTIFICATION NUMBERS	C	5	
0310	FTX	FREE TEXT	C	5	
0330	DTM	DATE/TIME/PERIOD	C	9	
0340		Segment Group 8	C	9	
0370		Segment Group 9	C	9	
0400		Segment Group 10	C	99	
0450		Segment Group 12	C	999	
0520		Segment Group 14	C	9	

LIN Line item

Group: SG7

Pos: 0260

Usage: Mandatory

Repetitions: 1

Ref	Tag	Name	ST	Form	Description / Comment
LIN010	1082	Line item identifier	C	an..6	.
LIN030	C212	ITEM NUMBER IDENTIFICATION	M	---	
LIN030-010	7140	Item identifier	M	an..35	
LIN030-020	7143	Item type identification code	M	an..3	'IN' Buyer's item number

Example:

LIN+++6979861:IN'

PIA Additional Product ID

Group: SG7

Pos: 0270

Usage: Conditional

Repetitions: 10

Ref	Tag	Name	ST	Form	Description / Comment
PIA010	4347	Product identifier code qualifier	M	an..3	.
PIA020	C212	ITEM NUMBER IDENTIFICATION	M	---	-
PIA020-010	7140	Item identifier	M	an..35	
PIA020-020	7143	Item type identification code	M	an..3	'RU' Run number (part group) 'CG' commodity grouping

Example:

PIA+1+5000859330:RU'

PIA+1+IMCR60:CG'

Segment Group 10

Group: SG10

Pos: 0400

Usage: Conditional

Repetitions: 99

Pos	Tag	Name	ST	Rep	Description / Comment
0410	LOC	PLACE/LOCATION IDENTIFICATION	M	1	.

LOC Place/Location identification

Group: SG10

Pos: 0410

Usage: Mandatory

Repetitions: 1

Ref	Tag	Name	ST	Form	Description / Comment
LOC010	3227	Location function code qualifier	M	an..3	'159' Additional internal destination
LOC020	C517	LOCATION IDENTIFICATION	M	---	-
LOC020-010	3225	Location name code	M	an..35	
LOC020-030	3055	Code list responsible agency code	M	an..3	'92' Assigned by buyer or buyer's agent

Example:

LOC+159+R60KABEL:92'

Segment Group 12

Group: SG12

Pos: 0450

Usage: Mandatory

Repetitions: 999

Pos	Tag	Name	ST	Rep	Description / Comment
0460	QTY	QUANTITY	M	1	.
0470	SCC	SCHEDULING CONDITIONS	C	1	
0480	DTM	DATE/TIME/PERIOD	C	9	
0490		Segment Group 13	C	99	

QTY Quantity

Group: SG13

Pos: 0460

Usage: Mandatory

Repetitions: 1

Ref	Tag	Name	ST	Form	Description / Comment
QTY010	C186	QUANTITY DETAILS	M	---	
QTY010-010	6063	Quantity type code qualifier	M	an..3	'113' Quantity to be delivered
QTY010-020	6060	Quantity	M	an..35	
QTY010-030	6411	Measurement unit code	M	an..8	

Example:

QTY+113:1.000:PCE'

UNT message trailer

Group: N/A

Pos: 0560

Usage: Mandatory

Repetitions: 1

Ref	Tag	Name	ST	Form	Description / Comment
UNT010	0074	Number of segments in a message	M	n..10	
UNH020	0062	Message reference number	M	an..14	

Example: UNT+213+000000000000004'

UNZ Interchange trailer

Group: N/A

Pos: 0000

Usage: Mandatory

Repetitions: 1

Ref	Tag	Name	ST	Form	Description / Comment
UNZ010	0036	Interchange control count	M	n..6	
UNZ020	0020	Interchange control reference	M	an..14	

Example: UNZ+1+000000000000004'

2 Examples

UNB+UNOC:3+O0013010235MSI-JIT+ODETTE Code Partner+090915:0955+233453'
UNH+00000021285812+DELJIT:D:04B:UN'
BGM+307'
DTM+2:20090828113000:204'
DTM+137:20090826152144:204'
NAD+BY+0000310667::92'
NAD+SU+600447::92'
NAD+ST+1647::92'
SEQ+39'
GIR+1+343445:AN'
GIR+4+000000000000:AB'
GIR+4+RC:AC'
GIR+4+T CBU 7R1A4B15300:VV'
LIN+++3002187300:IN'
PIA+1+5000859330:RU'
PIA+1+ IMCR60:CG'
LOC+159+R60KABEL:92'
QTY+113:1.000:PCE'
UNT+19+00000021285812'
UNZ+1+233453'