

Preface

EDI message for calling and directing JiT modules to be delivered for specific vehicles in sequence of production.

In standard cases the message DELJIT/SYNCRO is sent to the JiT supplier as a call order in sequence of production and as a reference data record after fixing of vehicle orders (SONATA).

If required this message may also be sent as a sequence forecast from agreed registration points (e.g. start of bodyshell manufacture).

In exceptional cases it is possible, while taking on substantial risks, to transmit vehicle data records before the vehicle orders are fixed (FAVAS).

This Implementation Guide applies to SYNCRO messages and may be used at new Just-in-Time installations with FIS-JIT in a VOLKSWAGEN AG recipient plant. Consequently, this guide supplements or replaces the description of DELJIT/SYNCRO D95B in the annex to the procedural description "Processing of supplier parts in JiT deliveries of simple and multi-variant JiT assemblies" and the DELJIT/SYNCRO D97A Versions 2 and 3. Existing JiT installations will initially not be affected by this version change

Implementation must be agreed with the person responsible for JiT at the brand or VOLKSWAGEN AG plant.

The latest version of this document can be found here

http://www.vwgroupsupply.com/b2b/vwb2b_folder/supply2public/en/zusammenarbeit/edi_elektronischer/downloads.html

VW-Version 3: Modifications to Version 2 in overview

Segment BGM C002 DE 1001 New codes to be used ([cancellation!](#)).
C106 DE 1056 Version identifier to be transmitted

Segment NAD(CZ) C082 DE 3039 Supplier-Id is transmitted with 9 digits.

Segment GIR (2) C206 DE 7402 Module Id (module code, formerly = part type group) is transmitted with 4 digits.

Segment LOC C517 DE 3225 The final point of delivery for re-orders can be used with max. 10-digits.

Segment PIA The PIA segment in SG7 now is used as in Version 2 announced.

PIA 14 C 10 Zusätzliche Produktidentifikation
Zusatzinformation Teileart (BESI-Teileart)
Additional information kind of parts (BESI- kind of parts)

VW Version 4: Changes to Version 3

UNB DE 0020 Interchange Control Reference Length extended to 12 digits (n12).

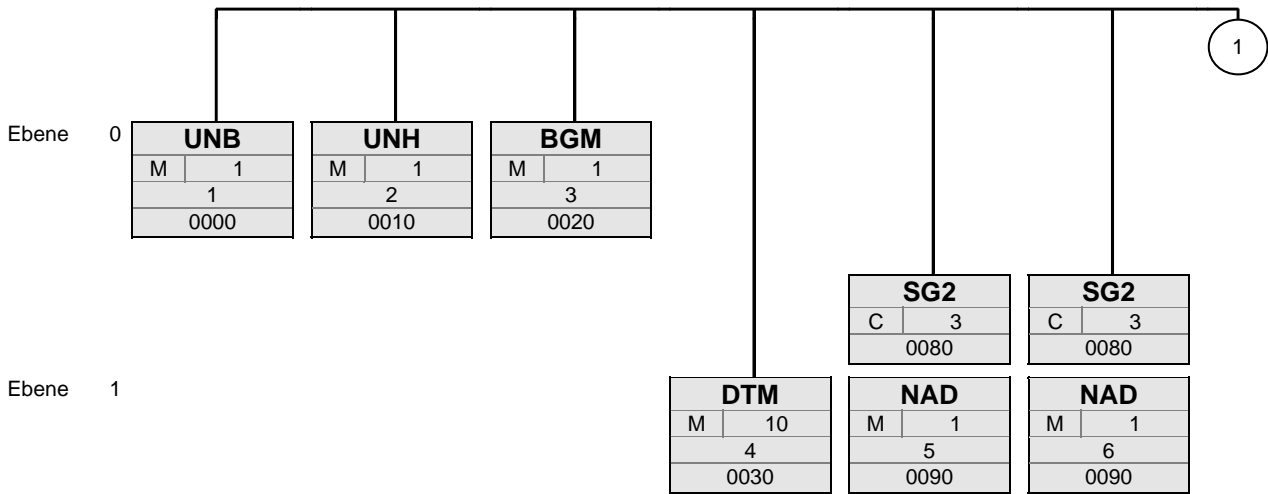
NAD+CZ C082 DE 3039 Supplier code Length extended to 10 digits (an..10)

GIR+ADD C206 DE 7402 Special specifications Length extended to 24 digits (an..24)

LIN C212 DE 7140 Part number Length extended to 24 digits (an..24)

UNZ DE 0020 Interchange Control Reference Length extended to 12 digits (an..12)

Message layout chart



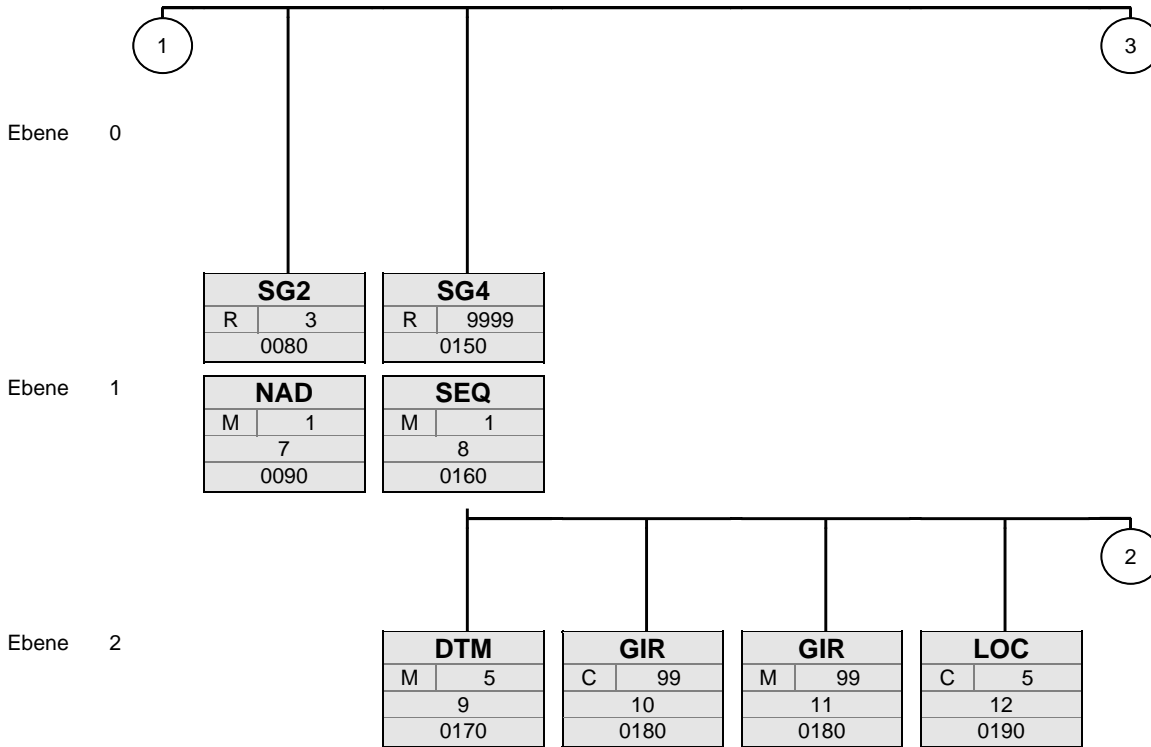
Bez.
St MaxWdh
Nr
Counter

Bez = Segment-/Group-Identifizier
 St = Status (M=Muss/Mandatory, C=Conditional, R=Erforderlich/Required, O=Optional, D=Abhängig von/Dependent, A=Empfohlen/Advised)
 MaxWdh = maximal iteration of the Segments/Segmentgroups
 Nr = current segmentnumber in Guide
 Counter = Number of the Segments/Groups in Standard

All documented Segments/Segmentgroups are in this message structure described. A documented Segment/Segmentgroup shouldn't have to be assigned always.

In contrast to the EDIFACT- Message layout chart the different Segment-version will be displayed explicitly.

Message layout chart



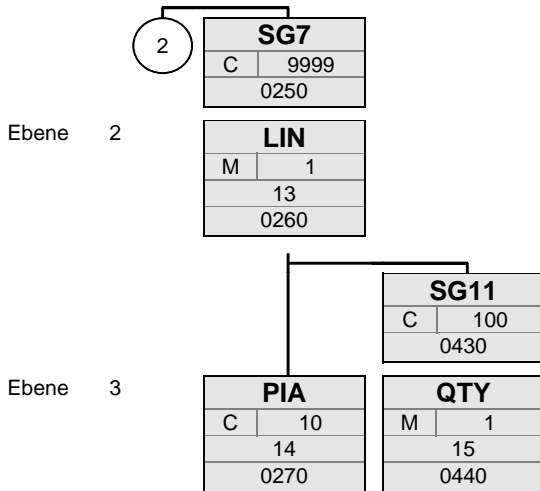
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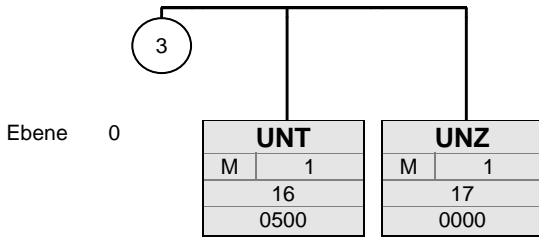
Nr = current segmentnumber in Guide

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Message architecture

DELJIT	Delivery just in time message			Segmentname	
	Seg. Nr.	St. VW	Max Wdh		
	UNB	1	M	1	INTERCHANGE HEADER <i>Identification of transmission (header segment), once per transmission</i>
	UNH	2	M	1	MESSAGE HEADER <i>Message Type Identification, first segment of a message</i>
	BGM	3	M	1	BEGINNING OF MESSAGE <i>Header segment of message, Message identification / reference number</i>
	DTM	4	M	10	Message creation date / time
┌	SG2		C	3	Customer reference number
└	NAD	5	M	1	NAME AND ADDRESS <i>Customer identification</i>
┌	SG2		C	3	Consignee
└	NAD	6	M	1	Consignee, recipient plant <i>Consignee, recipient plant</i>
┌	SG2		R	3	NAD
└	NAD	7	M	1	Supplier code <i>Supplier code</i>
┌	SG4		R	9999	SEQ-DTM-GIR-GIR-LOC-SG7
└	SEQ	8	M	1	SEQUENCE DETAILS <i>Sequence data, Header segment per JiT-module</i>
	DTM	9	M	5	Sequence call-off date / time <i>Sequence call-off date / time; In reference data: ZP8-date (possibly M1-date)</i>
	GIR	10	C	99	RELATED IDENTIFICATION NUMBERS <i>Vehicle data 1, not transmitted in the reference data and sequence preview of LAFES-JIT)</i>
	GIR	11	M	99	RELATED IDENTIFICATION NUMBERS <i>Vehicle data 2</i>
	LOC	12	C	5	Manufacturing department code <i>Manufacturing department code, not transmitted in the reference data and sequence preview of LAFES-JIT</i>
┌	SG7		C	9999	LIN-PIA-SG11
└	LIN	13	M	1	LINE ITEM <i>Part number (parts no, assembly no, LAW no)</i>
	PIA	14	C	10	ADDITIONAL PRODUCT ID <i>Additional information kind of parts (BESI- kind of parts)</i>
┌	SG11		C	100	QTY
└	QTY	15	M	1	Call-off quantity <i>Call-off quantity = delivery quantity per assembly / part number</i>
	UNT	16	M	1	MESSAGE TRAILER <i>Final segment of message, Message check segment</i>
	UNZ	17	M	1	INTERCHANGE TRAILER <i>Final segment of transmission file, terminates a transfer file and checks it for completeness</i>

All documented Segments/Segmentgroups are in this message structure described. A documented Segment/Segmentgroup shouldn't have to be assigned always.

In contrast to the EDIFACT- Message layout chart the different Segment-version will be displayed explicitly.

pattern message

DELJIT Delivery just in time message

	Stat.	Max.	No.	Segment	Contents
		Rep.			
UNB	1	M	1	UNB+UNOA:2+O0013000001VW	R11+O09999000000000029R88-ID+99
				1008:1459+112233445566'	
UNH	2	M	1	UNH+98765+DELJIT:D:97A:UN'	
BGM	3	M	1	BGM+30::10:SYNCRO+456789:4'	
DTM	4	M	10	DTM+137:199910081459:203'	
SG2		C	3		
NAD	5	M	1	NAD+BY+852369741::91'	
SG2		C	3		
NAD	6	M	1	NAD+CN+28::92'	
SG2		R	3		
NAD	7	M	1	NAD+CZ+013456700::92'	
SG4		R	9999		
SEQ	8	M	1	SEQ+3+123456'	
DTM	9	M	5	DTM+194:199910081457:203'	
GIR	10	C	99	GIR+ADD+123456789012:SSR+ABCDEFGHIJKL:SVS+P4A:ACO+ABCDEF	
				GH:PRI+123456:LSR'	
GIR	11	M	99	GIR+4+VVWZZZ1JZ1W204568:VV+9947143652:AN+991J0:TMA+ABCD:P	
				GI'	
LOC	12	C	5	LOC+54+RB01'	
SG7		C	9999		
LIN	13	M	1	LIN+++BKK A00 117 OS VD XPD:IN'	
PIA	14	C	10	PIA+1+ABCD'	
SG11		C	100		
QTY	15	M	1	QTY+131:1:PCE'	
UNT	16	M	1	UNT+15+98765'	
UNZ	17	M	1	UNZ+1+112233445566'	

Segments

Nr.	Bez	St	MaxWdh	Level	Name
1	UNB	M	1	0	INTERCHANGE HEADER

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
UNB				
S001	SYNTAX IDENTIFIER	M	M	
0001	Syntax identifier	M a4	M a4	UNOA UN/ECE level A
0002	Syntax version number	M n1	M n1	2 Version 2
S002	INTERCHANGE SENDER	M	M	
0004	Sender identification	M an..35	M an..35	Sender identifier, ODETTE-ID of data sender, in this case station R11 (ID contains 6 blanks) Sender identifier to be agreed before message installation.
S003	INTERCHANGE RECIPIENT	M	M	
0010	Recipient identification	M an..35	M an..35	Recipient identifier, as agreed. In standard cases the data recipient's Odette-ID of data recipientis entered. Recipient identifier to be agreed before message installation.
S004	DATE/TIME OF PREPARATION	M	M	
0017	Date of preparation	M n6	M n6	Date of preparation (conversion) of the transmission file YYMMDD
0019	Time of preparation	M n4	M n4	Time of preparation (conversion) of the transmission file HHMM
0020	Interchange control reference	M an..14	M n12	Unique reference number, assigned by sender to track the operation.

Comment:

Volkswagen AG uses the standard separator characters. The UNA segment is not sent.

Example:

UNB+UNOA:2+00013000001VW R11+009999000000000029R88-ID+991008:1459+112233445566'

Bez = Objekt-Identifier
Nr = current segmentnumber in Guide
MaxWdh = maximal iteration of the Segments/Segmentgroups

St = Status
EDIFACT: M=Muss/Mandatory, C=Conditional
Anwendung: R=Erforderlich/Required, N=Nicht benutzt/Not used

Segments

Nr.	Bez	St	MaxWdh	Level	Name
2	UNH	M	1	0	MESSAGE HEADER

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
UNH				
0062	Message reference number	M an..14	M an..14	Message reference number / unique ref. no., UNH is counted through once per data transfer by data sender.
S009	MESSAGE IDENTIFIER	M	M	
0065	Message type identifier	M an..6	M an..6	DELJI Delivery just in time message T
0052	Message type version number	M an..3	M an..3	D Draft version/UN/EDIFACT Directory
0054	Message type release number	M an..3	M an..3	97A Release 1997 - A
0051	Controlling agency	M an..2	M an..2	UN UN/ECE/TRADE/WP.4

Comment:

UNH is counted per data transmission.

Example:

UNH+98765+DELJIT:D:97A:UN'

Bez = Objekt-Identifier
Nr = current segmentnumber in Guide
MaxWdh = maximal iteration of the Segments/Segmentgroups

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Segments

Nr.	Bez	St	MaxWdh	Level	Name
3	BGM	M	1	0	BEGINNING OF MESSAGE

		Standard	Implementation			
Bez	Name	St	Format	St	Format	Anwendung / Bemerkung
BGM						
C002	DOCUMENT/MESSAGE NAME	C		M		
1001	Document/message name, coded	C	an..3	M	an..3	30 Sequenced call-off (PAB) REF Reference data (from weekly / daily target) SEV Sequence forecast (e.g. body-in-white call-off) SEC Sequence control (e.g. M 2 sequence) STO Cancellation order, data belonging to this order should be deleted completely. STC Cancellation sequence call (PAB), a sequence call sent before is cancelled. The order keeps valid and will be called once more later. The status is to reset. Other codes may be agreed for various Jit installations.
1131	Code list qualifier	C	an..3	N	an..3	
3055	Code list responsible agency, coded	C	an..3	C	an..3	10 ODETTE
1000	Document/message name	C	an..35	M	an..35	'SYNCRO', is used only from SYNCRO-Version 2
C106 DOCUMENT/MESSAGE IDENTIFICATION						
1004	Document/message number	C	an..35	M	n6	call-off no., counted through once per document/application
1056	Version	C	an..9	M	an..9	Identifier of VW-SYNCRO-Version, is transmitted with version 3.

Comment:

VW uses the SYNCRO message as a vehicle-specific message. The message applications Sequenzvorschau SEV and Sequenzkontrolle SEC are optional and must be agreed if required.

Example:

BGM+30:::10:SYNCRO+456789:4'

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Segments

Nr.	Bez	St	MaxWdh	Level	Name
4	DTM	M	10	1	Message creation date / time

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
DTM				
C507	DATE/TIME/PERIOD	M	M	
2005	Date/time/period qualifier	M an..3	M an..3	137 Document/message date/time
2380	Date/time/period	C an..35	M an..35	Date / time: Reference data (REF) and sequence forecast (SEV): Time file created in LAFES-JIT PAB SEV, SEC: Time message created in FIS-JIT
2379	Date/time/period format qualifier	C an..3	M an..3	203 CCYYMMDDHHMM

Comment:

Example:

DTM+137:199910081459:203'

Bez = Objekt-Identifier
Nr = current segmentnumber in Guide
MaxWdh = maximal iteration of the Segments/Segmentgroups

St = Status
EDIFACT: M=Muss/Mandatory, C=Conditional
Anwendung: R=Erforderlich/Required, N=Nicht benutzt/Not
used

VOLKSWAGEN AG

EDI-Implementation-Guidelines

Volkswagen EDIFACT DELJIT/SYNCRO Jit
Abrufdaten/call-off data Version 4

Segments

Nr.	Bez	St	MaxWdh	Level	Name
	SG2	C	3	1	Customer reference number
5	NAD	M	1	1	NAME AND ADDRESS

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
NAD				
3035	Party qualifier	M an..3	M an..3	BY Buyer
C082	PARTY IDENTIFICATION DETAILS	C	M	
3039	Party id. identification	M an..35	M an..9	VW-Format: an..9 Suppliers customer id, is used only if agreed (Code 91) VW-Format: an..5 Customer name, unless bilaterally agreed differently the brand name is used as standard. (Code 92): VW (in reference data, currently including Volkswagen Brüssel, Volkswagen Nutzfahrzeuge, Volkswagen Sachsen (Mosel), Autoeuropa) AUDI, SKODA, SEAT VWB = Volkswagen Brüssel VWN = Volkswagen Nutzfahrzeuge VWS = Volkswagen Sachsen (Mosel) VWAE = Autoeuropa
1131	Code list qualifier	C an..3	N an..3	
3055	Code list responsible agency, coded	C an..3	C an..3	91 Assigned by seller or seller's agents; if a customer number is agreed 92 Assigned by buyer or buyer's agents; if no customer number is agreed

Comment:

This segment is always sent. The recipient plant is sent in a separate NAD segment.

Example:

NAD+BY+852369741::91'

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Nr = current segmentnumber in Guide
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St = Status
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Anwendung: R=Erforderlich/Required, N=Nicht benutzt/Not used

VOLKSWAGEN AG

EDI-Implementation-Guidelines

Volkswagen EDIFACT DELJIT/SYNCRO Jit
Abrufdaten/call-off data Version 4

Segments

Nr.	Bez	St	MaxWdh	Level	Name
	SG2	C	3	1	Consignee
6	NAD	M	1	1	Consignee, recipient plant

		Standard	Implementation		
Bez	Name	St Format	St Format	Anwendung / Bemerkung	
NAD					
3035	Party qualifier	M an..3	M an..3	CN	Consignee
C082	PARTY IDENTIFICATION DETAILS	C	M		
3039	Party id. identification	M an..35	M an..3	VW/Audi plant code (plant to be delivered to), example 28 = plant Mosel	
1131	Code list qualifier	C an..3	N an..3		
3055	Code list responsible agency, coded	C an..3	M an..3	92	Assigned by buyer or buyer's agents

Comment:

Example:

NAD+CN+28 : : 92 '

Bez = Objekt-Identifier
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Anwendung: R=Erforderlich/Required, N=Nicht benutzt/Not used

Segments

Nr.	Bez	St	MaxWdh	Level	Name
	SG2	R	3	1	NAD
7	NAD	M	1	1	Supplier code

		Standard	Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
NAD				
3035	Party qualifier	M an..3	M an..3	CZ Consignor
C082	PARTY IDENTIFICATION DETAILS	C	M	
3039	Party id. identification	M an..35	M an..10	<p>There are two different formats for the supplier number at VW/Audi in Europe: new supplier number: an9 = 7 digits regular number + 2 digits index old supplier number: an6 = 5 digits regular number + 1 digit index Per supplier only one format of the two is possible. Does the regular number have more than 5 digits without leading zeros the new supplier number used.</p> <p>Examples: new supplier number: 012345600 (an9) old supplier number: 012830 (an6)</p> <p>For all other branches the format setting of an..10 applies</p>
1131	Code list qualifier	C an..3	N an..3	
3055	Code list responsible agency, coded	C an..3	M an..3	92 Assigned by buyer or buyer's agents

Comment:

Local supplier code

Example:

NAD+CZ+013456700::92'

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Segments

Nr.	Bez	St	MaxWdh	Level	Name
	SG4	R	9999	1	SEQ-DTM-GIR-LOC-SG7
8	SEQ	M	1	1	SEQUENCE DETAILS

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
SEQ				
1245	Status indicator, coded	C an..3	M an..3	3 Created new 2 Cancellation 5 Replacement 9 Test/do not deliver 10 Already delivered 1 Amendment Information status; This identifier controls processing at the JiT supplier 3 = JiT-call-off / New record (first access) or change record = first new record after delete record* 2 = Delete record * 9 = Test / No delivery 10 = Already delivered / Re-order 5 = replacement only with BGM Code SEC = sequence control 1 = Changes. This qualifier is transmitted only with changes in SG 4, DTM, DE 2005 with codes 17 or 11
C286	SEQUENCE INFORMATION	C	M	
1050	Sequence number	M an..10	M an..10	Present VW format: an..6 nnxxxx = Assembly sequence data In sequenced call-off (PAB): nn = assembly line no., xxxx = sequence no. on assembly line. Note: Counter reset is dependent on local FIS-JIT installation. For sequence forecast data (SEV) from LAFES-JIT nn is always entered as the recording point no. and '000000' as sequence number xxxx. In the reference data (REF) again no assembly line no. and no sequence information is transmitted, always the 6-digit '000000'.

Comment:

The data are allocated by way of the file name and the allocation reference in UNH.

In transmission of reference data (REF) from LAFES-JiT only:

3 = New record (first access), 2 = Delete record, 3 = Change record = New record after delete record The change service is applied to complex individual assemblies described by more than one part number only for the changed range of part numbers, not for all part numbers of the individual assembly.
 9 = Test / No delivery!

In transmission of the sequence forecast (SEV):

3 = New record (first access), 9 = Test / No delivery!

In transmission of the PAB from FIS-JIT

3 = JiT-call-off , 9 = Test / No delivery!, 10 = Already delivered / Re-order; for complex individual assemblies subsets (one or more part numbers) may also be re-ordered. Re-order codes in segment GIR must be observed in further processing.

If a number of individual assemblies with different module identifiers in GIR DE 74 02 'PGI' (= parts group identifier) are called for one

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Segments

identification number, the SeG 4 is repeated for each module / module identifier.
The change service is applied to complex individual assemblies described by more than one part number only for the changed range of part numbers, not for all part numbers of the individual assembly.

Example:

SEQ+3+123456'

Bez = Objekt-Identifier
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Segments

Nr.	Bez	St	MaxWdh	Level	Name
	SG4	R	9999	1	SEQ-DTM-GIR-LOC-SG7
9	DTM	M	5	2	Sequence call-off date / time

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
DTM				
C507	DATE/TIME/PERIOD	M	M	
2005	Date/time/period qualifier	M an..3	M an..3	194 Start date/time 206 End date/time 101 Production date, no schedule established as of 17 Delivery date/time, estimated 11 Versanddatum/-zeit 84 Versanddatum/-zeit, verlangt (früher und einschließlich) 194 = ID for recording date (SEV / sequenced call-off) 206 = ID for recording date (SEC) 101 = planned ZP 8 time (production date), standard for reference data 17 = planned M1 date / time (delivery date, estimated), special agreement for reference data 11 = Estimated shipment date of this reference number 84 = Latest shipment date of this reference number
2380	Date/time/period	C an..35	M an..35	For sequence forecast data (FIS-JIT) and sequenced call-off the time of code number entry is set at the agreed recording point .
2379	Date/time/period format qualifier	C an..3	M an..3	203 CCYYMMDDHHMM 103 YYWWD 102 CCYYMMDD 203 = YYYYMMDDHHMM for registration point data 103 = YYWWD for reference data 102 = YYYYMMTT possible for M1 date

Comment:

In transmission of reference data from the weekly assembly program the DTM segment is not transmitted. As of implementation of the K to K process, the week and day given in the identification number will no longer have any meaning as a ZP-8 scheduling date. It is therefore planned that in connection with K to K the scheduled ZP-8 date will be sent as a straight date in the reference data. It is important for JiT suppliers to be able to process the ZP-8 date when they use the reference data to manage their production (e.g. electrical systems). By agreement, the planned M1 date may be entered instead of the ZP-8 date if the ZP-8 date does not provide a sufficiently accurate indication of the assembly date.

Example:

DTM+194:199910081457:203'

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Segments

Nr.	Bez	St	MaxWdh	Level	Name
	SG4	R	9999	1	SEQ-DTM-GIR-LOC-SG7
10	GIR	C	99	2	RELATED IDENTIFICATION NUMBERS

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
GIR				
7297	Set identification qualifier	M an..3	M an..3	'ADD' = Additional Data / Zusätzliche Daten ADD
C206	IDENTIFICATION NUMBER	M	M	
7402	Identity number	M an..35	M an..35	system synchronisation number transmitted only in the PAB and only by assembly plants with two or more parallel JiT assembly lines. The entries of parallel recording points in FIS are counted consecutively with one synchronisation number. The data for all assembly lines are transmitted over one logical link. After a fault/line break the synchronisation number is used to restore the logical sequence where there are several parallel assembly lines.
7405	Identity number qualifier	C an..3	M an..3	SSR Systems Sequence Reference
C206	IDENTIFICATION NUMBER	C	C	
7402	Identity number	M an..35	M an..24	Special specifications: Field assignment must be agreed dependent on assembly, e.g. for Audi: prototype, interior equipment and trim. Supplementary description for vehicle, not transmitted in the standard case; only transmitted if additional information is agreed At present special specifications can only be transmitted in the messages from FIS-JIT.
7405	Identity number qualifier	C an..3	M an..3	SVS Qualifier Additional Vehicle Specifications
C206	IDENTIFICATION NUMBER	C	C	
7402	Identity number	M an..35	M an..35	Re-order code; Data element group transmitted only in event of re-orders from FIS-JIT. (see comments).
7405	Identity number qualifier	C an..3	M an..3	ACO Nachbestellung / Additional Call-off
C206	IDENTIFICATION NUMBER	C	C	
7402	Identity number	M an..35	M an..8	Memo no. For pilot (prototype) vehicles the reference number of the memo is transmitted. The data element is only used for 'memo' vehicles. At present the memo no. is only available in the messages from FIS-JIT
7405	Identity number qualifier	C an..3	M an..3	PRI Vorserienkennung / Qualifier Pilot Run Identification
C206	IDENTIFICATION NUMBER	C	C	
7402	Identity number	M an..35	M an..35	Sequence call off reference (see comment) nnxxx = reference data from registration point for delivery in sequence of production (30 = PAB): nn = assembly line number xxx = serial number on assembly line Note: the zeroing of the counter depends on the local FIS-JIT installation.

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Anwendung: R=Erforderlich/Required, N=Nicht benutzt/Not used

Segments

		Standard	Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
7405	Identity number qualifier	C an..3	M an..3	LSR Qualifier Logical Sequence Reference

Comment:

Comments:

The GIR segment 'additional vehicle data 1' is not sent in the reference data and sequence forecast from LAFES-JIT. The data element group C206 with qualifier LSR is only sent in the message application for sequence control 'SEC'. The sequence control version is only agreed and installed in exceptional cases. In special cases with regard to materials handling it is used to check and correct sequence data (qualifier = 30).

When the sequence control message 'SEC' is sent the scope of data used in segment group 4 is restricted.

re-order code

By way of the re-order code actions including creation of the electronic TSL (cost acceptance by VW-Audi) are controlled.

Code	Fault type	Proposal i.e. in	
		Cost acceptance	elec. TSL
G..	Quality / damage	Charged to supplier	
P..	Damage in Prod.	Charged to VW / Audi	in TSL
F..	Defective part	Charged to supplier	
H..	Defective part	Charged to VW / Audi	in TSL
L..	Misconstruction	Charged to supplier	
K..	Misconstruction	Charged to VW / Audi	in TSL
E..	TE problem	Charged to VW / Audi	in TSL Nachbestellkennzeichen

Example:

GIR+ADD+123456789012:SSR+ABCDEFGHIJKL:SVS+P4A:ACO+ABCDEFGH:PRI+123456:LSR'

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Segments

Nr.	Bez	St	MaxWdh	Level	Name
	SG4	R	9999	1	SEQ-DTM-GIR-LOC-SG7
11	GIR	M	99	2	RELATED IDENTIFICATION NUMBERS

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
GIR				
7297	Set identification qualifier	M an..3	M an..3	4 Vehicle reference set
C206	IDENTIFICATION NUMBER	M	C	
7402	Identity number	M an..35	M an..17	Vehicle identification no., only transmitted in the sequenced call-off, important for safety parts, spares supply.
7405	Identity number qualifier	C an..3	M an..3	VV Vehicle identity number
C206	IDENTIFICATION NUMBER	C	C	
7402	Identity number	M an..35	M an..10	PJKWT1234P = Order data / control no. PJ = Target production year, KW = Calendar week (ZP-8 planning date) T = Day (ZP-8 planning date) 1234 = Sequence no.. unique for each day of the week P = Test digit (Modulo 10, calculated via KWT1234)
7405	Identity number qualifier	C an..3	M an..3	AN Manufacturing reference number
C206	IDENTIFICATION NUMBER	C	C	
7402	Identity number	M an..35	M an..5	jjaaa = 2-character model year and 3-character model; as opposed to the sequenced call-off, in the reference data and sequence forecast data from LAFES-JIT '00' is transmitted as a constant in the model year, and the vehicle class in the model.
7405	Identity number qualifier	C an..3	M an..3	TMA Qualifier Modell
C206	IDENTIFICATION NUMBER	C	C	
7402	Identity number	M an..35	M an..4	Module Id (module code, formerly = part type group), is indicated by 4 characters starting in SYNCRO Version 3. The module code should be given in the module label barcode if use of the standard JiT label has been agreed. The module code should be given in the crate label barcode for delivery in sequence of production if use of the standard crate label for delivery in sequence of production has been agreed.
7405	Identity number qualifier	C an..3	M an..3	PGI Parts group identifier

Comment:

In SYNCRO Version 2, an identifier for the module ID (module code) was sent with two characters. The module code combines all part numbers of a module. If a one logistics provider, for instance, sequences and delivers a number of individual assemblies (modules) for one code number, the module code is used to manage logistics operations, e.g. the assignment of location of assembly (installation cycles of modules / assemblies). In the event of changes to logistics operations, e.g. changing of installation cycles (locations of assembly) the assignment should only be changed for the logistics provider, but locations in JiT vehicle data records should not be changed. Because the module code in most cases has an identical form to the module identifier in the parts list, an effort should be made to use the same designation. A 4-character module code allows a differentiation in the long term.

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Segments

Example:

GIR+4+VWVZZZ1JZ1W204568:VV+9947143652:AN+991J0:TMA+ABCD:PGI'

Bez = Objekt-Identifier
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VOLKSWAGEN AG

EDI-Implementation-Guidelines

Volkswagen EDIFACT DELJIT/SYNCRO Jit
Abrufdaten/call-off data Version 4

Segments

Nr.	Bez	St	MaxWdh	Level	Name
	SG4	R	9999	1	SEQ-DTM-GIR-LOC-SG7
12	LOC	C	5	2	Manufacturing department code

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
LOC				
3227	Place/location qualifier	M an..3	M an..3	54 Manufacturing department
C517	LOCATION IDENTIFICATION	C	M	
3225	Place/location identification	C an..25	M an..10	Code for body recording point is transmitted = format an..4 With re-orders an agreed delivery location is transmitted = format an..10

Comment:

Example:

LOC+54+RB01 '

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Segments

Nr.	Bez	St	MaxWdh	Level	Name
	SG4	R	9999	1	SEQ-DTM-GIR-LOC-SG7
	SG7	C	9999	2	LIN-PIA-SG11
13	LIN	M	1	2	LINE ITEM

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
LIN				
1082	Line item number	C an..6	M N	Not used
1229	Action request/notification, coded	C an..3	M N	Not used
C212	ITEM NUMBER IDENTIFICATION	C	M	
7140	Item number	C an..35	M an..24	Part number / VW part number in structured print format (TTT MMM UUU II FFF), blanks at the end of the article number will not be sent. Form: ' ttt mmm uuu ii fff' ttt = Type identifier mmm = Mid group uuu = Subsidiary group ii = Index fff = Colour code; poss. logistics code
7143	Item number type, coded	C an..3	M an..3	IN Buyer's item number

Comment:

In standard case segment group 7 with LIN et sqq. is always sent. In transmittals of message type sequence control (SEC) the segment group 7 is not used.

Example:

LIN+++BKK A00 117 OS VD XPD:IN'

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Segments

Nr.	Bez	St	MaxWdh	Level	Name
	SG4	R	9999	1	SEQ-DTM-GIR-LOC-SG7
	SG7	C	9999	2	LIN-PIA-SG11
14	PIA	C	10	3	ADDITIONAL PRODUCT ID

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
PIA				
4347	Product id. function qualifier	M an..3	M an..3	1 Additional identification
C212	ITEM NUMBER IDENTIFICATION	M	M	
7140	Item number	C an..35	M an..4	Part type (BESI part type)

Comment:

The part type (BESI part type) combines the part numbers in BESI for logical checks. The part type may be used beginning with SYNCRO version 3.

Example:

PIA+1+ABCD'

Bez = Objekt-Identifier
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Anwendung: R=Erforderlich/Required, N=Nicht benutzt/Not used

VOLKSWAGEN AG

EDI-Implementation-Guidelines

Volkswagen EDIFACT DELJIT/SYNCRO Jit
Abrufdaten/call-off data Version 4

Segments

Nr.	Bez	St	MaxWdh	Level	Name
	SG4	R	9999	1	SEQ-DTM-GIR-LOC-SG7
	SG7	C	9999	2	LIN-PIA-SG11
	SG11	C	100	3	QTY
15	QTY	M	1	3	Call-off quantity

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
QTY				
C186	QUANTITY DETAILS	M	M	
6063	Quantity qualifier	M an..3	M an..3	131 Delivery quantity
6060	Quantity	M n..15	M n..15	Call off quantity for each item no. (for each Order data / control no)
6411	Measure unit qualifier	C an..3	M an..3	PCE piece

Comment:

Example:

QTY+131:1:PCE'

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Segments

Nr.	Bez	St	MaxWdh	Level	Name
16	UNT	M	1	0	MESSAGE TRAILER

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
UNT				
0074	Number of segments in a message	M n..6	M n..6	Check counter for the total number of segments in the message (including UNH and UNT segments).
0062	Message reference number	M an..14	M an..14	The reference number must be identical to UNH, DE 0062, and is assigned by the data sender.

Comment:

Example:

UNT+15+98765'

Bez = Objekt-Identifizier
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Segments

Nr.	Bez	St	MaxWdh	Level	Name
17	UNZ	M	1	0	INTERCHANGE TRAILER

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
UNZ				
0036	Interchange control count	M n..6	M n..6	Number of messages in a transmission
0020	Interchange control reference	M an..14	M an..12	Transmission reference number, is allocated by sender. Reference number is identical to UNB DE0020.

Comment:

The UNZ segment serves to end a transmission file and check its completeness.

Example:

UNZ+1+112233445566'

Bez = Objekt-Identifizier
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