

B/S/H/

EDI - Electronic Data Interchange, BSH Factories

VDA 4913 Version 04 Examples

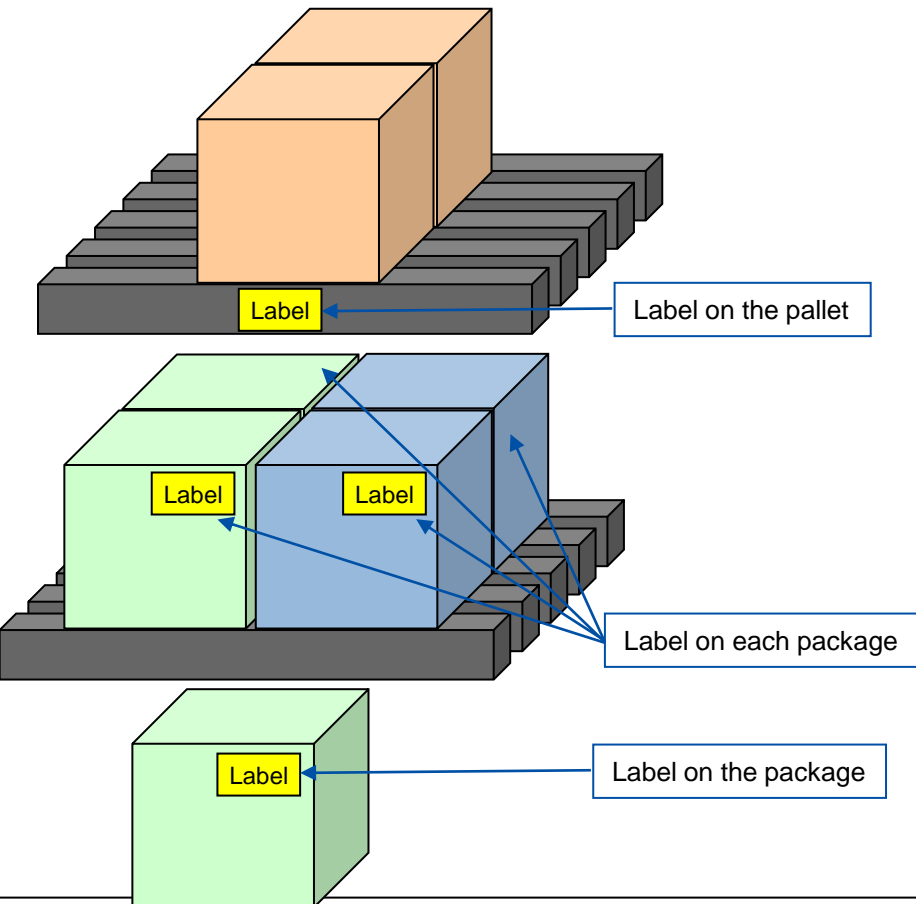
January 2013

Hartmut Weber

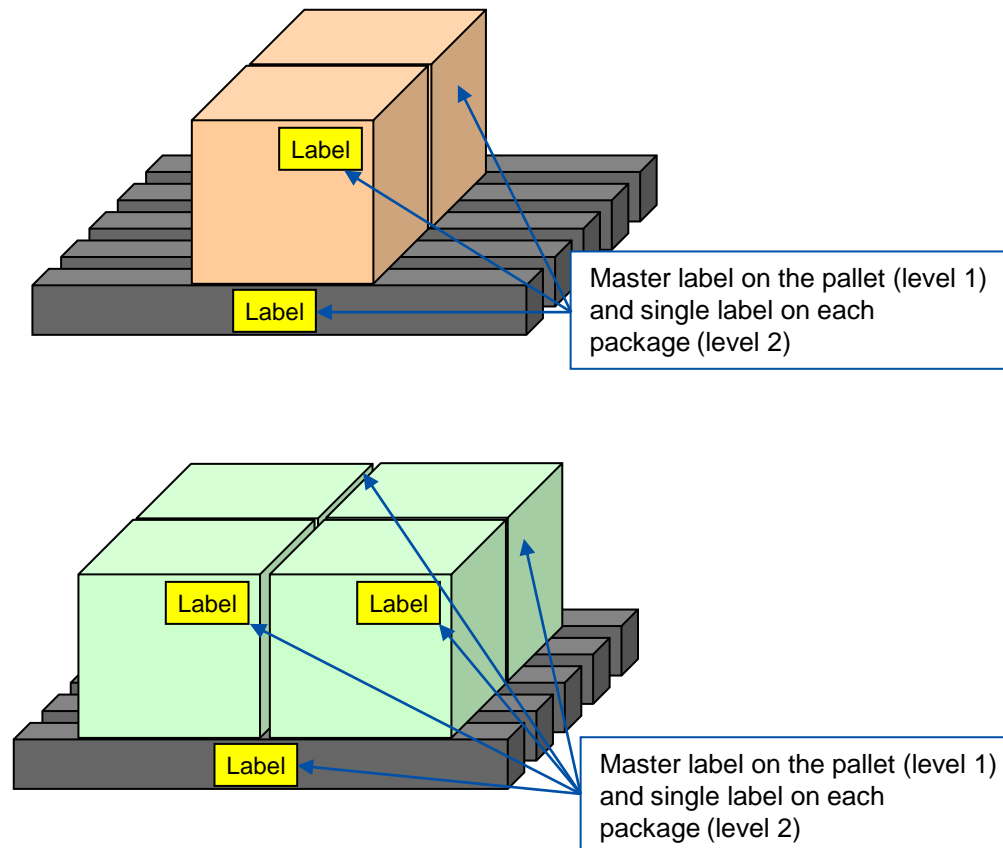


BSH factories require packages with 1 and 2 hierarchy levels:

1 hierarchy level:



2 hierarchy levels:



Example of a message

Symbolic VDA 4913 sentence, for detailed description see the VDA 4913 guideline!

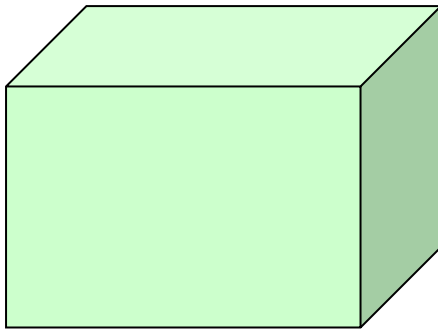
Position of the sentence, e.g. pos. „1“

Content of the data fields, eg. „711“ of pos 1. Or „200“ in pos. 6 of sentence 714.

Pos:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	711	03	4711	23032	14	15	121122															
	712	03								03				01	UL-B 14			121123	1200			
	713	03	80852	121122	00	03		55000123			FGK											
	714	03	904711			200	ST							55000123		00						
	...																					
	719	02	1	1	1	4	0	0	0	1	0											

Example 1: Without label information (no sentence 715 is needed)

Material **Quantity** **w/o label**
 904711 200

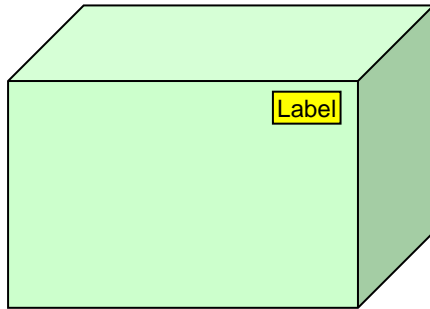


Pos:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	711	03	4711	23032	14	15	121122															
	712	03								03				01	UL-B 14			121123	1200			
	713	03	80852	121122	00	03		55000123		FGK												
	714	03	904711			200	ST							55000123		00						
	...																					

Example 2: 1 Pallet/Package (1 hierachy level = Single label)

Material	Quantity	Label
904711	200	9999000001

BSH label number has 12 digits length.
That is why BSH uses position 03 instead of position 08 for „label no. from“ (and pos. 04 instead of pos. 09 for „label no. to“).

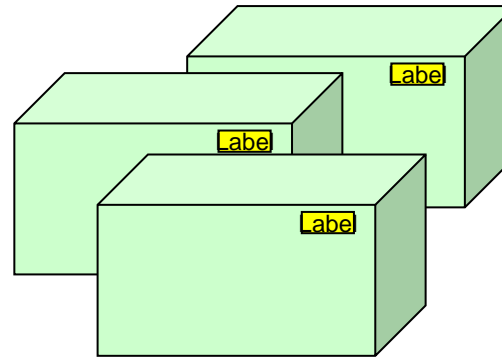


Sentence **715** in version **03**
with **S**ingle label **9999000001**
for **1** package with **200** pieces.

Pos:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	711	03	4711	23032	14	15	121122															
	712	03								03			01	UL-B 14				121123	1200			
	713	03	80852	121122	00	03		55000123		FGK												
	714	03	904711			200	ST					001	55000123		00							
	715	03	9999000001		1	001	200	blank	blank				S									
	...																					

Example 3a: 3 Pallets/Packages with the same Material (1 hierarchy level)

Material	Quantity	Label
904711	200	9999000002
904711	200	9999000003
904711	200	9999000004



Possible variations of sentence 715:

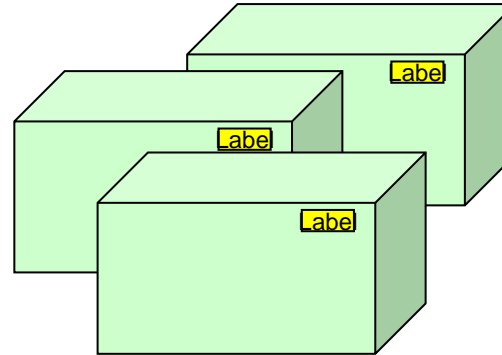
Pos:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	711	03	4711	23032	14	15	121122															
	712	03								03				01	UL-B 14			121123	1200			
	713	03	80852	121122	00	03		55000123		FGK												
	714	03	904711				600 ST					001		55000123		00						
	715	03	9999000002				1 001 200	blank	blank													
	715	03	9999000003				1 001 200	blank	blank													
	715	03	9999000004				1 001 200	blank	blank													
	...																					

or:

	...																					
	714	03	904711				600 ST					001		55000123		00						
	715	03	9999000002	9999000004	3		001 200	blank	blank													
	...																					

Example 3b: 3 Pallets/Packages with the same Material but different fill-up quantity

Material	Quantity	Label
904711	200	9999000005
904711	200	9999000006
904711	100	9999000007



Possible variations of sentence 715:

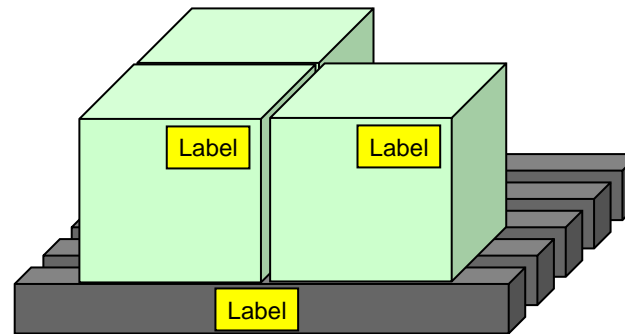
Pos:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	711	03	4711	23032	14	15	121122															
	712	03								03				01	UL-B 14			121123	1200			
	713	03	80852	121122	00	03		55000123		FGK												
	714	03	904711				500	ST				001	55000123		00							
	715	03	9999000005		1	001	200	blank	blank					S								
	715	03	9999000006		1	001	200	blank	blank					S								
	715	03	9999000007		1	001	100	blank	blank					S								
	...																					

or:

	...																					
	714	03	904711				500	ST				001	55000123		00							
	715	03	9999000005	9999000006	2		200	blank	blank					S								
	715	03	9999000007		1	001	100	blank	blank					S								
	...																					

Example 4: 1 Pallet with 3 Packages with the same Material (2 hierarchy levels)

Material	Quantity	Label
		9999000008 (Pallet)
904711	80	9999000009
904711	80	9999000010
904711	80	9999000011



The first 715 sentence has to be the master label (**M**) and the following sentences are the single labels (**S**) below.

Possible variations of sentence 715:

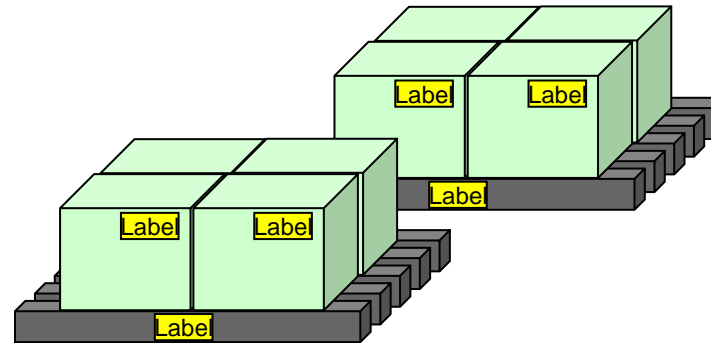
Pos:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	711	03	4711	23032	14	15	121122															
	712	03								03			01	UL-B 14				121123	1200			
	713	03	80852	121122	00	03		55000123		FGK												
	714	03	904711		240	ST						001	55000123		00							
	715	03	9999000008		1	001	000	blank	blank				M									
	715	03	9999000009		1	001	080	blank	blank				S									
	715	03	9999000010		1	001	080	blank	blank				S									
	715	03	9999000011		1	001	080	blank	blank				S									
	...																					

or:

	...																					
	714	03	904711		240	ST						001	55000123		00							
	715	03	9999000008		1	001	000	blank	blank				M									
	715	03	9999000009	9999000011	3		080	blank	blank				S									
	...																					

Example 5: 2 Pallets with 8 Packages with the same Material (2 hierarchy levels)

Material	Quantity	Label
		9999000012 (Pallet 1)
904711	80	9999000013
904711	80	9999000014
904711	80	9999000015
904711	80	9999000016
		9999000017 (Pallet 2)
904711	80	9999000018
904711	80	9999000019
904711	80	9999000020
904711	80	9999000099



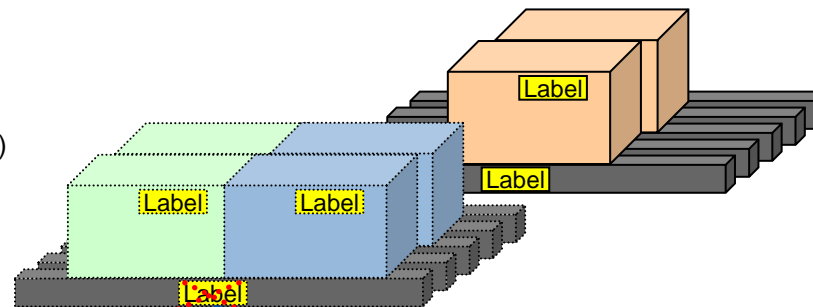
The first 715 sentence has to be the master label (M) and the following sentences are the single labels (S) below.

Possible variation:

Pos:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	711	03	4711	23032	14	15	121122															
	712	03								03			01		UL-B 14			121123	1200			
	713	03	80852	121122	00	03		55000123			FGK											
	714	03	904711			640	ST					001		55000123						00		
	715	03	9999000012		1	001	000	blank	blank					M								
	715	03	9999000013	9999000016	4	001	080	blank	blank					S								
	715	03	9999000017		1	001	000	blank	blank					M								
	715	03	9999000018	9999000020	3	001	080	blank	blank					S								
	715	03	9999000099		1	001	080	blank	blank					S								
	...																					

Example 6: 2 Pallets with 6 Packages with mixed Materials

Material	Quantity	Label
		9999000031 (Pallet 1)
904711	80	9999000032
904711	80	9999000033
904747	150	9999000034
904747	100	9999000035
		9999000036 (Pallet 2)
904800	333	9999000037
904800	333	9999000038



BSH ignores this label, there is no need to send it...

For pallets with mixed materials the supplier can send the label ID (sentence 715, pos. 13):
G (= mixed pallet) **or**
blank (= sentence will be ignored) **or**
no 715 sentence

Possible variations see next page:

B/S/H/

Pos:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	711	03	4711	23032	14	15	121122															
	712	03								03				01	UL-B 14			121123	1200			
	713	03	80852	121122	00	03					FGK											
	714	03	904711			160	ST					001		55000123		00						
	715	03	9999000032		1	001	080	blank	blank													
	715	03	9999000033		1	001	080	blank	blank													
	714	03	904747			250	ST					002		55004747		00						
	715	03	9999000031		1	002	000	blank	blank													
	715	03	9999000034		1	002	150	blank	blank													
	715	03	9999000035		1	002	100	blank	blank													
	714	03	904800			666	ST					003		55009800		00						
	715	03	9999000036		1	003	000	blank	blank													
	715	03	9999000037		1	003	333	blank	blank													
	715	03	9999000038		1	003	333	blank	blank													
	...																					

or:

Pos:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	711	03	4711	23032	14	15	121122															
	712	03								03				01	UL-B 14			121123	1200			
	713	03	80852	121122	00	03		55000123			FGK											
	714	03	904711			160	ST					001				00						
	715	03	9999000032		1	001	080	blank	blank													
	715	03	9999000033		1	001	080	blank	blank													
	713	03	80852	121122	00	03		55004747			FGK											
	714	03	904747			250	ST					002				00						
	715	03	9999000034		1	002	150	blank	blank													
	715	03	9999000035		1	002	100	blank	blank													
	713	03	80852	121122	00	03		55009800			FGK											
	714	03	904800			666	ST					003				00						
	715	03	9999000036		1	003	000	blank	blank													
	715	03	9999000037	9999000038	2	003	333	blank	blank													
	...																					