Advance Shipping NOTE (ASN)

VDA 4913 v03

Document Change Log

Version	Date	Description
1.0	2010.11.04	Document issued.
1.1	2011.03.15	Plant Code List updated
1.2	2011.06.15	Code List for German Plants changed. Segment 715 changed.
1.3	2011.11.14	VDA Receiver Code for GA Cambrai fixed.
1.4	2011.11.22	Plant Codes Table: Deleted ATF, PSO. Added IGT, ITP.
1.5	2011.12.02	713_08 (Order Number) Mandatory Segment.
2.0	2013.11.15	Removed the list Plant Codes. Referenced to EDI Form
2.1	2015.03.31	New fields notes.
2.2	2019.02.27	Packaging managing (715)
2.3	2022.11.28	730_20 (NF-e number). Changed to optional segment

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1. INTRODUCTION

This document provides the specific description of the VDA 4913 v3 message.

2. MESSAGE DEFINITION

This document provides the definition of a Delivery Note and Transport Information Message (ASN), based on the VDA 4913 v3, to be used in Electronic Data Interchange (EDI) between a G.A. Operating Company and its Trading Partners.

This documentation is fully comprehensive and allows the implementation of the VDA 4913 without the necessity for any additional standard related documentation.

2.1. FUNCTIONAL DEFINITION

The Delivery Note message is a message from G.A. to a G.A. Supplier giving details for deliveries and transport information.

This message may be used as shipping and transport information.

2.2. PRINCIPLES

The Delivery Note message is intended to:

- Specify details based on the delivery.
- Transmitting and loading packing slip and transportation data.
- Provide information allowing to G.A. to know the materials flow.

2.3. REFERENCES

The content of this message is based on:

☐ The message structure as defined by VDA for the Delivery Schedule Message 4913.

☐ The agreement between the Trading Partners on the data elements to be used, their unique definition, their representation and their values (coded or clear form) as identified in this document.

☐ VDA Verband der Deutschen Automobilindustrie.(Association of German Automobile Manufacturers)

2.4. FIELD OF APPLICATION

The following definition for Delivery Notice Message in VDA format is applicable for the interchange of delivery notes issued by G.A. for material deliveries to one or more G.A. Operations.

3. MESSAGE DESCRIPTION

The VDA4913 is a message, which is sent from a party who is planning to supply products to a GA Plant. The message gives the information regarding details for materials delivery. The information is used to determine material and transport details.

3.1. INTRODUCTION

3.1.1. Basic information ASN (Advance Ship Notice)

3.1.1.1. Vendor code

The vendor code has been assigned centrally in Antolin SAP system. The different vendor codes have now been communised: each vendor code consists of a maximum five digit base.

3.1.1.2. The receiving plant / Customer Plant Code

- All Antolin plants are identified by a 3-letters plant-code (see Plants Table).
- All Antolin plants have a VDA identification that must be used as Receiver Code in 711_03 Segment (see Plants Table).
- All data on the release authorisation refer to plant and part number!
- The plant is transmitted in record-type 713, field 11 as a 3-letter code.
- It is absolutely essential that in every kind of documentation or data transmission the plant code and the part number are indicated!
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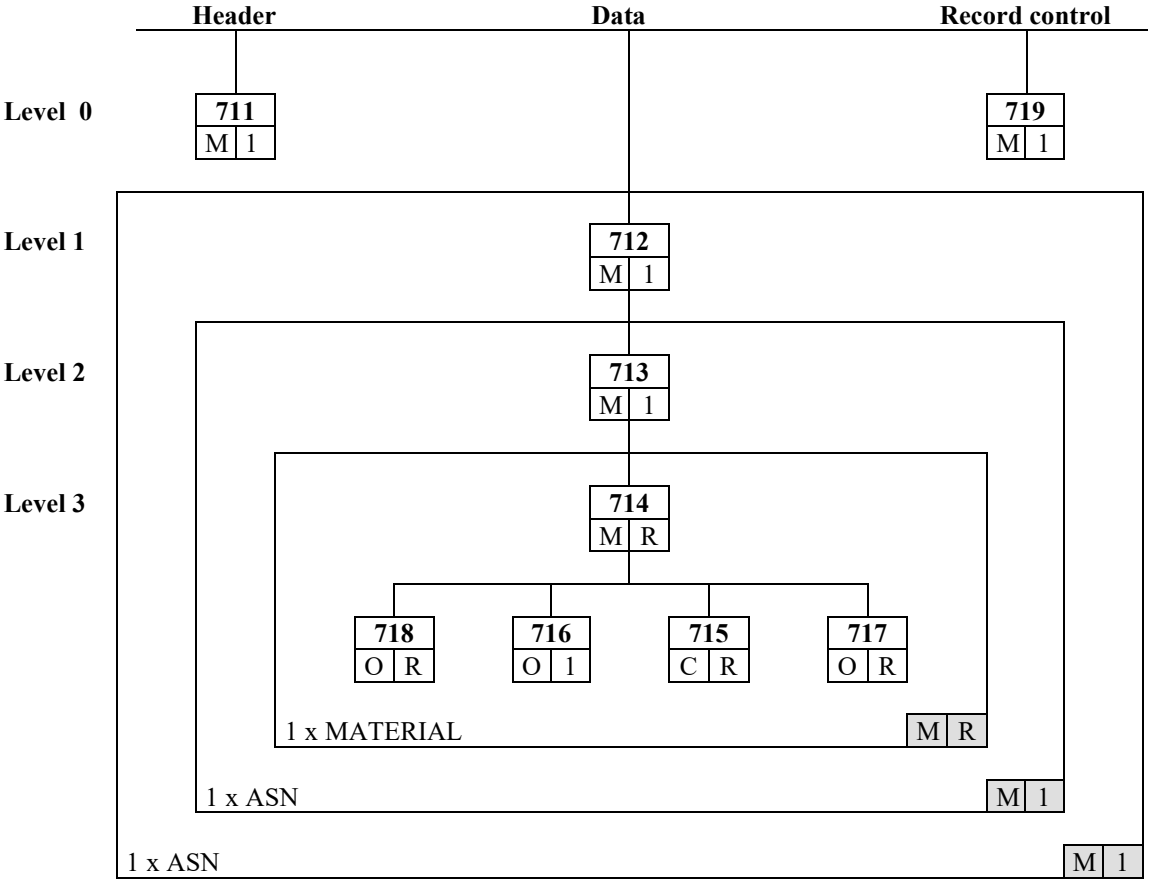
3.1.1.3. The receiving VDA Code / VDA Plant Code

- Use same identifiers that are sent in the 4905 message.

3.1.2. Packaging Information

- Packaging information with empty packages is not allowed.

Record Layout Delivery Note Message and Description of the Data Elements with Antolin Requirements



Description:

M	Mandatory
C	Conditional
O	Optional
R	Repeatable
1	Once

Record Type	**711**	**Ver. 03**		**MANDATORY**		
Description:		HEADER ADVICE NOTE AND TRANSPORTATION DATA				
Field	Format:	Definition	Length	O/M	Value	Notes
01	1-3	Type of Record	3	M	'711'	Constant
02	4-5	Version-Number	2	M	'03'	Constant
03	6-14	Antolin VDA Plant Code	9	M		See EDI Communications Supplier Form.
04	15-23	Antolin Supplier Code	9	M	'00000'	Supplier Code as determined by Antolin. The same code received in the releases.
05	24-28	Transmission Number Old	5	M		Number of the last transmission
06	29-33	Transmission Number New	5	M		Number of this transmission; is incremented by 1 at each transmission
07	34-39	Transmission Date	6	M	020311	Format YYMMDD
08	40-48	Sub-contracted carrier number	8	O		Identity number given to a sub-contracted carrier by the customer.
09	49-57	Carrier Number	9	O		Number of the carrier of the products
10	58	Storage Number	1	O		
11	59-128	Blank	70	O		

Record Type	**712**	**Ver. 03**		**MANDATORY**

Description: UNIQUE DATA ELEMENTS OF TRANSPORTATION

Field	Format:	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'712'	Constant
02	4-5	Version-Number	2	M	'03'	Constant
03	6-13	Transport Reference Number	8	M		Reference number of the consignment/cargo
04	14-16	Suppliers Plant Code	3	O		
05	17-30	Carrier/forwarding agent	14	O		
06	31-36	Carrier Date of goods transfer	4	M		Date (YYMMDD)
07	37-40	Carrier Time of goods transfer	4	M		Time (HHMM)
08	41-47	Transport Gross Weight	7	M		Weight of goods including packaging and/or loading aids (numeric with leading zeros)
09	48-54	Transport net weight	7	O		Weight of goods including packaging and/or loading aids (numeric with leading zeros)
10	55-56	Freight Payment Code	2	O		
11	57	Carrier EDI Code	1	O		
12	58-61	Number of Packages	4	O		
13	62-75	Carrier (Transport partner number)	14	O		
14	76-77	Means of Transport Code	2	M		Code in accordance with VDA4913 recommendations.
15	78-102	Conveyance Number	25	O		
16	103	Code for Item 17	1	O		
17	104-111	Tariff zone/Community tariff	9	O		
18	112-117	Scheduled Date of arrival	6	O		
19	118-121	Scheduled Time of arrival	4	O		
20	122-124	Load Meters	3	O		
21	125	Truck Type Code	1	O		
22	126-128	Blank	3	M		

Record Type	**713**	**Ver. 03**		**MANDATORY**
Description:	UNIQUE DATA ELEMENTS OF ADVICE NOTE			

Field	Format:	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'713'	Constant
02	4-5	Version-Number	2	M	'03'	Constant
03	6-13	Delivery Note Number	8	M		
04	14-19	Shipment Date	6	M		Date (YYMMDD)
05	20-24	Receiving Location, Unloading Point	5	M		See Antolin Plant Code (EDI Communications Supplier Form) or 'ALM'.
06	25-26	Type of Shipment	2	M		Encoded format
07	27-30	Customer Code	4	O		
08	31-42	Transaction/Order Number	12	M		Order Number
09	43-44	Procedure Code	2	O		
10	45-48	Blank	4	O		
11	49-51	Plant Code Customer	3	M		See Antolin Plant Code (EDI Communications Supplier Form)
12	52-59	Consignment	8	O		
13	60-68	Goods recipient number	9	O		
14	69	ASN correction code	1	O		
15	70-76	Storage location customer	7	O		
15	70-76	Storage location customer	7	O		
16	77-85	Supplier number	9	O		
17	86-99	Point of consumption	14	O		
18	100-103	Release Number	4	O		
19	104-109	Customer Reference	6	O		
20	110-128	NF-e number	19	O		NF-e number. For Brazilian partners it is mandatory to include a serial number e.g 9999999-99 (10 digits in total) and to additional '-' hífen.

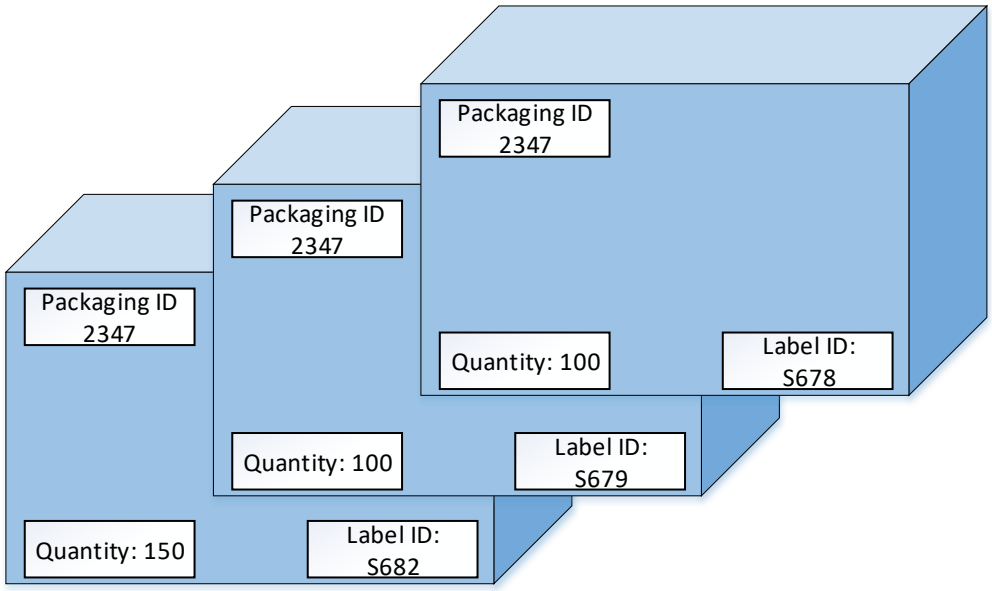
Record Type **714**	**Ver. 03**		**MANDATORY**
Description:	ADVISE NOTE LINE ENTRIES		

Field	Format:	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'714'	Constant
02	4-5	Version-Number	2	M	'03'	Constant
03	6-27	Part Number	22	M		Identification number
04	28-49	Vendor Part Number	22	O		
05	50-52	Country of Origin	3	M		Encoded Format
06	53-65	Shipment Quantity	13	M		Right-aligned with leading zeroes, 3 decimal places.
07	66-67	Unit of measure 1	2	M		Encoded Format G Grams KG Kilogram KM Kilometer L Litre M Metre M2 Square Meter M3 Cubic Meter MM Millimetres PA Pair SA Set SD Hour ST Piece T Ton TG Tag
08	68-80	Cumulative quantity shipped	13	O		
09	81-82	Unit of measure 2	2	O		
10	83-85	VAT Percentage	3	O		
11	86	Blank	1	O		
12	87-89	Item Number Advise Note	3	M		Item of a delivery note
13	90	Production Sequencing Code	1	O		
14	91-105	Heat-Number	15	O		
15	106	Requirement-Code	8	O		
16	107-114	Hazardous material code	8	O		
17	115	Preference Status	1	O		
18	116	Customs goods	1	O		
19	117	Lighting Tax	1	O		
20	118	Inventory Status	1	O		
21	119-120	Engineering Change affected	2	O		
22	121-128	Blank	8	M		

Record 715 - Version 03
Name: Packaging Data (Empty packages are not allowed)
Description: Segment 715 is used to inform the packaging information (0, 1 and 2 levels) having the next examples:

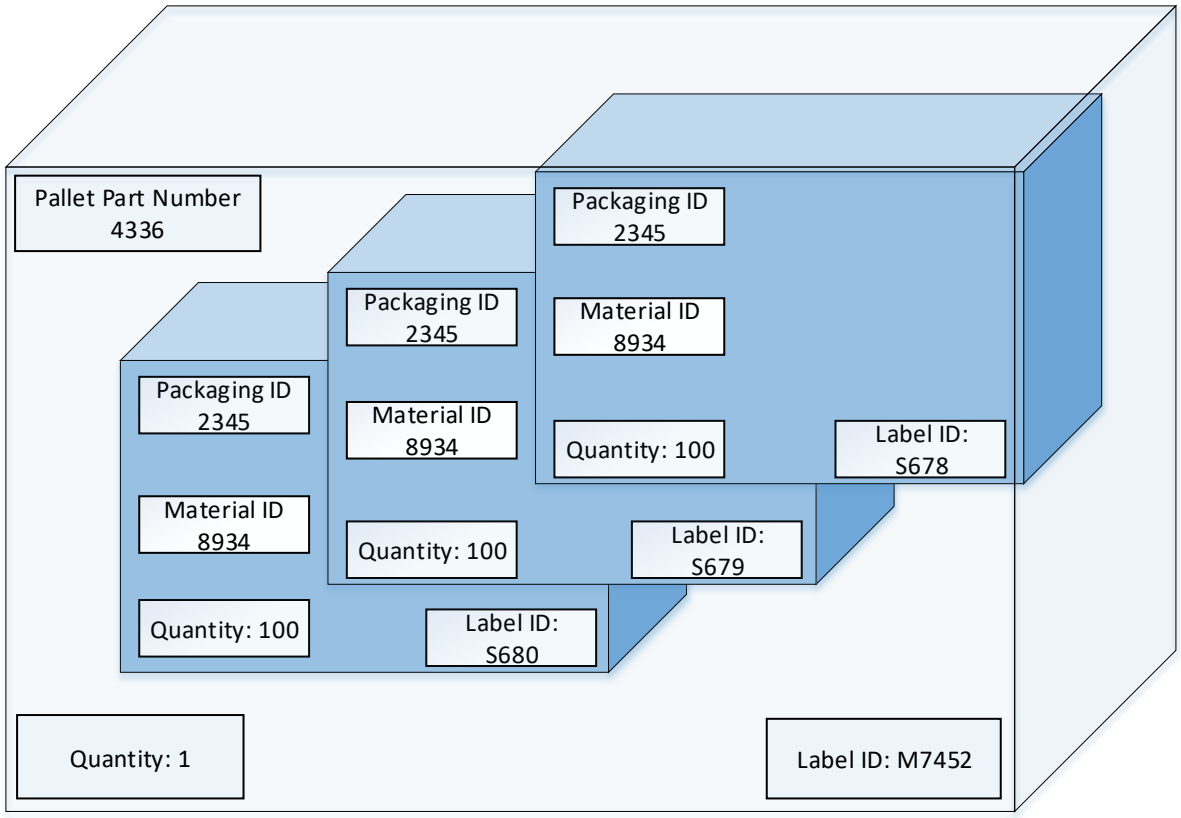
1- No Packaging(0): If is not required packaging information, the segment 715 should not be transmitted
2- Packaging 1 level(S): One packaging level type with the same material
3- Packaging 2 levels(M): One Master packaging with sub-packaging for the same material
4- Packaging 2 levels(G): One Master packaging with sub-packaging for several materials
5- Packaging 2 levels(G) + Auxiliary(not processed in Antolin): One Master packaging with sub-packaging for several materials and auxiliary

Record Type **715**	**Ver. 03**			**OPTIONAL**	
Description:	**PACKAGING DATA**				
Field	Format:	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'715'	Constant
02	4-5	Version-Number	2	M	'03'	Constant
03	6-27	Packaging Code, Customer	22	M		Customer Identification number
04	28-49	Packaging Code, Supplier	22	M		Supplier Identification number
05	50-62	Number of Packages	13	M		Numeric
06	63-65	Position Number for Packaging	3	M		
07	66-78	Quantity in package	13(10,3)	M		Numeric right-aligned with leading ceros; 3 decimals
08	79-87	Package Serial Number from	9	C		If is an auxiliary packaging Serial Number should be empty. If Label indicator is M or G, the next 715 should have their sub-packaging.
09	88-96	Package Serial Number to	9	C		If Label indicator is M or G, should not be informed to uniquely identify the Master packaging. If is an auxiliary packaging Serial Number should be empty.
10	97-108	Packaging dimensions	12	O		
11	109	Stackability	1	O		
12	110-124	Storage request number	15	O		
13	125	Label indicator	1	M		Valid Entry: **G** = Mixed packages (with sub-packages and different references) **M** = Master Label (with sub-packages and same references) **S** = Single Label (1 Package)
14	126	Packaging Code	1	O		
15	127	Property Code	1	O		
16	128	Blank	1	O		



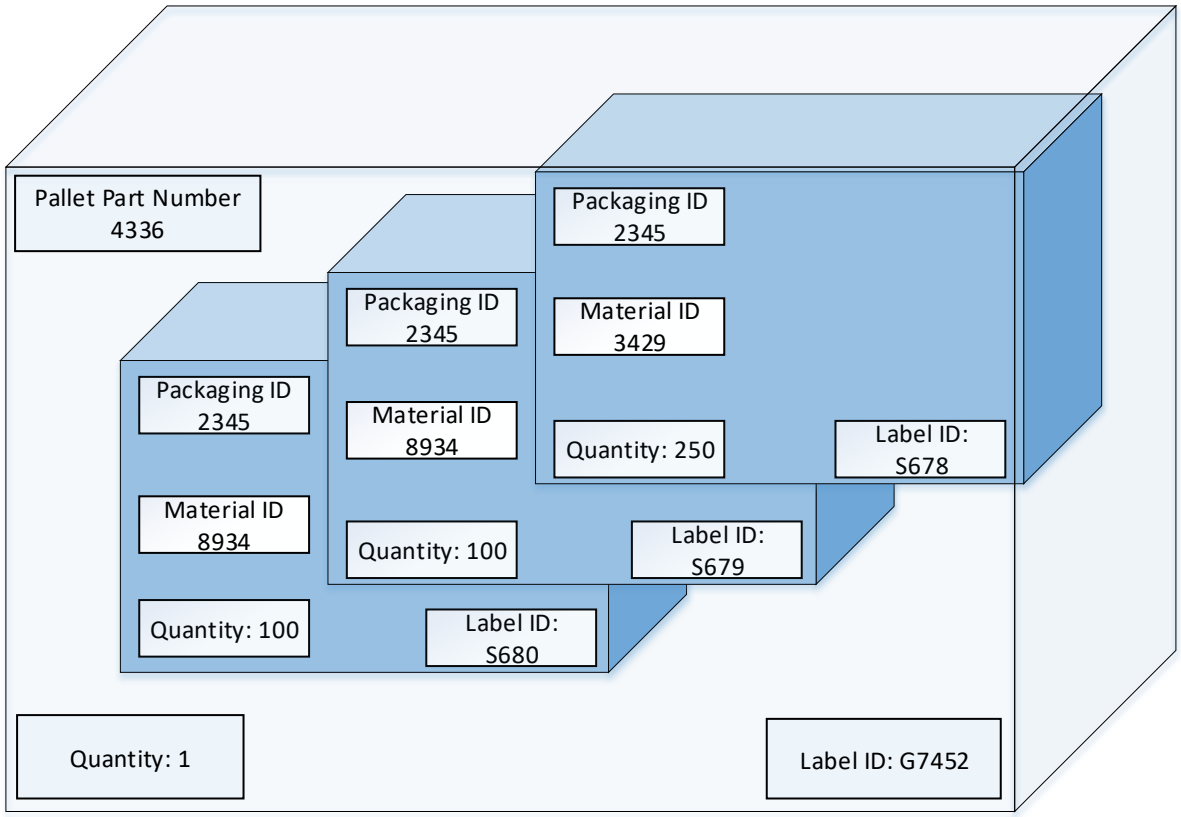
Record **713**	Delivery 12345678		
Record **714**	Position: 001	Material Code (714_03): 8934	Quantity(714_06): 0000000250000
Record **715**			
Description:	PACKAGING DATA		

Packaging ID(715_03)	Packaging Quantity(715_05)	Quantity per Packaging (715_07)	Packaging Label Of (715_08)	Packaging Label To (715_09)	Label Identification (715_13)
2347	0000000000002	0000000100000	678	679	S
2347	0000000000001	0000000150000	682		S



Record **713**	Delivery 12345678		
Record **714**	Position: 001	Material Code(714_03): 8934	Quantity(714_06): 0000000300000
Record **715**			
Description:	PACKAGING DATA		

Packaging ID(715_03)	Packaging Quantity(715_05)	Quantity per Packaging (715_07)	Packaging Label Of (715_08)	Packaging Label To (715_09)	Label Identification (715_13)
4636	0000000000001	0000000003000	7452		M
2347	0000000000003	0000000100000	678	680	S

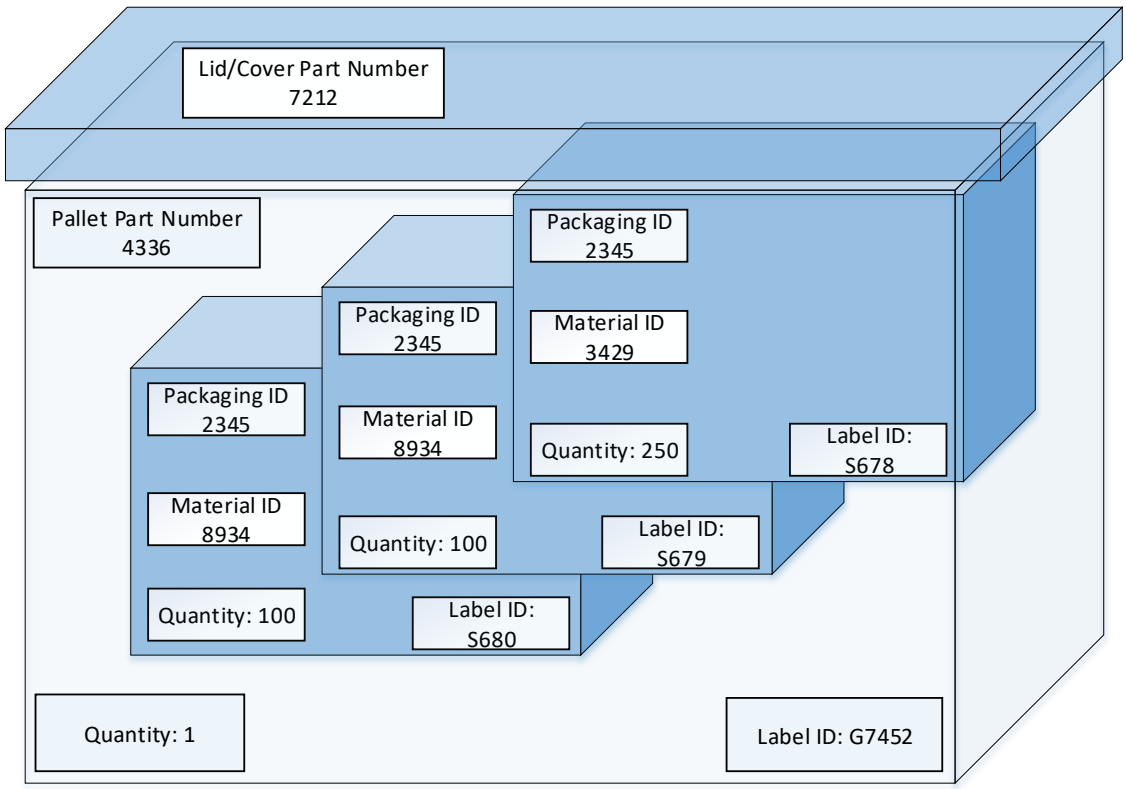


Record **713**	Delivery 12345678		
Record **714**	Position: 001	Material Code(714_03): 8934	Quantity(714_06): 0000000200000
Record **715**			
Description:	PACKAGING DATA		

Packaging ID(715_03)	Packaging Quantity(715_05)	Quantity per Packaging (715_07)	Packaging Label Of (715_08)	Packaging Label To (715_09)	Label Identification (715_13)
4636	0000000000001	0000000002000	7452		G
2347	0000000000002	0000000100000	679	680	S

Record **714**	Position: 002	Material Code(714_03): 3429	Quantity(714_06): 0000000250000
Record **715**			
Description:	PACKAGING DATA		

Packaging ID(715_03)	Packaging Quantity(715_05)	Quantity per Packaging (715_07)	Packaging Label Of (715_08)	Packaging Label To (715_09)	Label Identification (715_13)
4636	0000000000000	0000000001000	7452		G
2347	0000000000001	0000000250000	678		S



Record **713**	Delivery 12345678		
Record **714**	Position: 001	Material Code(714_03): 8934	Quantity(714_06): 0000000200000
Record **715**			
Description:	PACKAGING DATA		

Packaging ID(715_03)	Packaging Quantity(715_05)	Quantity per Packaging (715_07)	Packaging Label Of (715_08)	Packaging Label To (715_09)	Label Identification (715_13)
7212	0000000000001	0000000000000			
4636	0000000000001	0000000002000	7452		G
2347	0000000000002	0000000100000	679	680	S

Record **714**	Position: 002	Material Code(714_03): 3429	Quantity(714_06): 0000000250000
Record **715**			
Description:	PACKAGING DATA		

Packaging ID(715_03)	Packaging Quantity(715_05)	Quantity per Packaging (715_07)	Packaging Label Of (715_08)	Packaging Label To (715_09)	Label Identification (715_13)
7212	0000000000000	0000000000000			
4636	0000000000000	0000000001000	7452		G
2347	0000000000001	0000000250000	678		S

Record Type	**716**	**Ver. 03**		**OPTIONAL**
Description:	TEXT DATA ON ITEM If it is included, the following fields are mandatory: Type of Record (716_01) Version-Number(716_02) Text1(716_03)			

Record Type	**717**	**Ver. 03**		**OPTIONAL**
Description:	SINGLE PACKAGE RECORD FOR ITEM If it is included, the following fields are mandatory: Type of Record (717_01) Version-Number(717_02) Single Packaging Number(717_03) Quantity of Delivery 1(717_04) Unit of Measure 1(717_05)			

Record Type	**718**	**Ver. 03**		**OPTIONAL**
Description:	PRODUCTION NUMBER DATA If it is included, the following fields are mandatory: Type of Record (718_01) Version-Number(718_02) Delivery Note Number (718_03) Production Number(718_04)			

Record Type	**719**	**Ver. 03**			**MANDATORY**	
Description:		TRAILER ADVISE NOTE AND TRANSPORTATION DATA				
Field	Format:	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'719'	Constant
02	4-5	Version-Number	2	M	'03'	Constant
03	6-12	Record Counter Record Type 711	7	M		Number of transmitted records, record type 711
04	13-19	Record Counter Record Type 712	7	M		Number of transmitted records, record type 712
05	20-26	Record Counter Record Type 713	7	M		Number of transmitted records, record type 713
06	27-33	Record Counter Record Type 714	7	M		Number of transmitted records, record type 714
07	34-40	Record Counter Record Type 715	7	M		Number of transmitted records, record type 715
08	41-47	Record Counter Record Type 716	7	M		Number of transmitted records, record type 716
09	48-54	Record Counter Record Type 718	7	M		Number of transmitted records, record type 718
10	55-61	Record Counter Record Type 719	7	M		Number of transmitted records, record type 719
11	62-68	Record Counter Record Type 717	7	M		Number of transmitted records, record type 717
12	69-128	Blank	59	M		Filler

SAMPLE MESSAGE:

```
71104GA-PLANT 12345    1051510516101104
712030000303000            10110407520008960000056001 0028            0112345678     1234567            000000
7130300003030101104XXX  03                    XXX                        12345
71403586202970                                 6160000000280000ST0000000280000ST    001              S            00003030
71503Customer            Supplier              00000000000280010000000010000
7190200000010000001000000100000010000001000000000000000000000010000000
```