

Mercedes-Benz



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New Consignment

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1 New consignment – Delivery note entry

1.1 Delivery note entry - Process selection

You can use the navigation point to enter delivery notes for the following processes and print out all relevant documents:

New Consignment

- With ordering data (D302)
- For serial/non-serial scopes (D303)
- Delivery entry for development scope/ MTC/VTC deliveries (D304)
- For deliveries to third parties (D305)
- With ordering for deliveries to third parties (D308)
- ASN (D321)

Note:

- All sent and saved data (drafts) can be found after the registering process under **"Search Consignments – Search for consignment data (D301)"**.
- Error-free data can now be transferred.

1.2 General notes:

1.2.1 Navigation tree

Entry of a delivery begins with the entry of the delivery data at the **Consignment** level. Next, the next level is added using the toolbar or by clicking the right mouse button.

At least one delivery note with an item number must be created before it is possible to check or save a delivery.



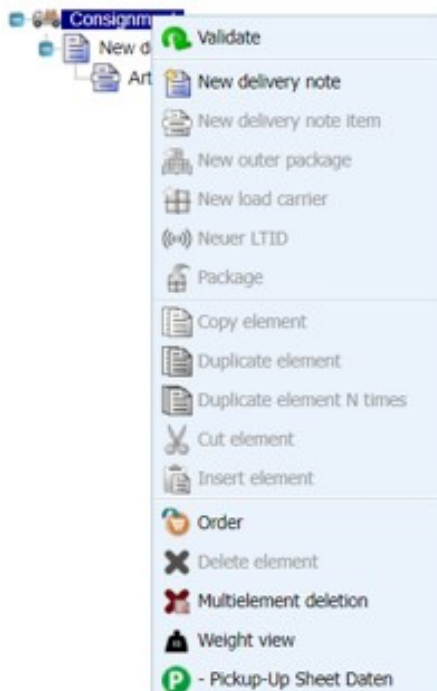
1.2.2 Working with the right mouse button

For entering consignments, a right mouse click in the navigation tree will display a context menu analogous to the toolbar and providing the same functions as the toolbar. This gives the user the option of calling up all functions using either the toolbar or the context menu.

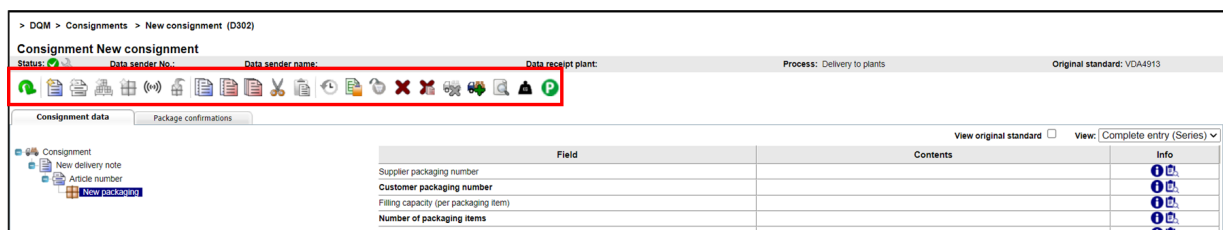
Functions that are not usable at the given level are deactivated (gray).

For example:

At the **Consignment** level, the user can only create a **New delivery note**. Creating a **New delivery note item** is not possible.



1.2.3 Description of the symbols in the navigation bar


















Note:

Functions that are not usable at the given level are deactivated (gray).

For example:

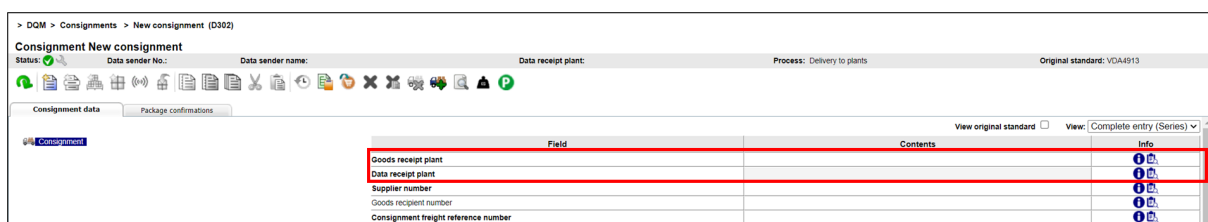
At the consignment level, the user can only create a "New delivery note". Creating a "New delivery note item" is not possible.

Symbol	Function	Description
	Check consignment	The "Validate consignment" function checks the current consignment for errors. If the consignment has been saved at least once, the current change status is saved temporarily in the cache.
	Create new delivery note	The "Create new delivery note" function adds a new delivery note at the end of the delivery note list.
	Create new delivery note item	The "Create new delivery note item" function adds a new delivery note item at the end of the delivery note item list of the current delivery note.
	New packaging	The "New packaging" function adds an empty load carrier underneath the delivery note item.
	Packaging	The "Packaging" function starts the packaging screen. "Packaging" is only possible on a delivery note item with a valid item number, see description "Packaging - with Packaging Plan".
	Copy element	The "Copy element" function copies an element (without pasting it).
	Duplicate element	The "Duplicate element" function adds a copy of the element at the same level.
	Duplicate element multiple times	The "Duplicate element multiple times" function adds up to 9 copies of a delivery note, delivery note item or packaging. When copying a delivery note, you must indicate the first delivery note number of the copying procedure.
	Cut element	The "Cut element" function removes the element. Using the "Paste element" function, the element can be inserted elsewhere at the same level.
	Paste element	The "Paste element" function inserts a copy of the previously copied element at the same level.
	Save template	The "Save template" function saves the current consignment with all its sub-objects.
	Load template	In the Template overview, the "Load template" function loads a consignment template that can then be edited further.

	Delete element	The "Delete element" function deletes the element that is selected in the tree (after a confirmation prompt).
	Cancel consignment	The "Cancel consignment" function cancels the consignment (after a confirmation prompt).
	Duplicate	The "Duplicate" function creates a draft that can be used as a template.

Differentiation between the incoming goods plant and the data receipt plant

The "Incoming goods plant" and "Data receipt plant" are displayed at the consignment level:



Only the "Incoming goods plant" can be selected; the "Data receipt plant" is filled out automatically once "Incoming goods plant" is selected.

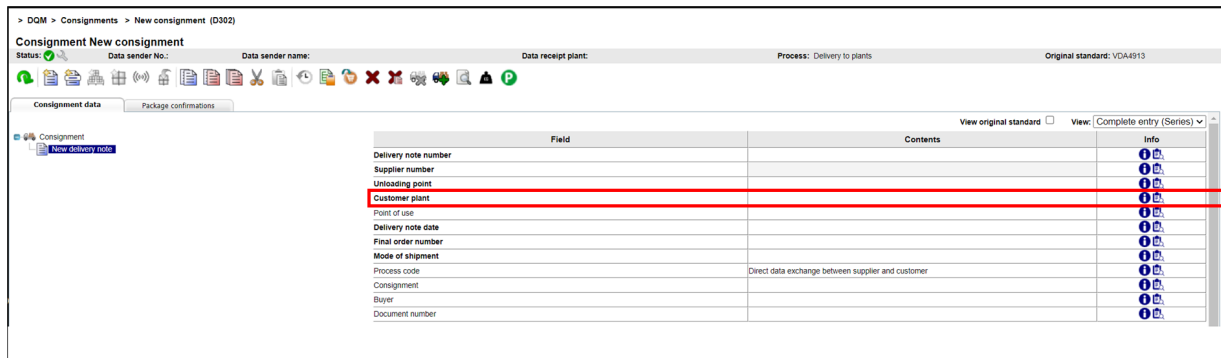
Example 1 (When do the incoming goods plant and the data receipt plant differ :).

If an EDI is sent to the "Incoming goods plant" 002, Control Center/Sales, the entry "010, Stuttgart Untertürkheim" automatically appears in the field "Data receipt plant". This is allocated automatically by a stored mapping table.

Note:

The mapping table is stored in the info area of the IBL.

The delivery note level contains the "Customer plant" field:



The "Customer plant" field is automatically filled out when the "Incoming goods plant" is selected if the field was first filled out at the consignment level and the delivery note level was then added. The "Incoming goods plant" and "Customer plant" plants are identical. The entry can still be changed in the "Customer plant" field (see Special case).

Special case:

The ordering plant is not the same as the "Incoming goods/data receipt plant".

Example 2 (filling in "Customer plant" field manually):

If the ordering plant is not the same as the "Incoming goods/data receipt plant", then the ordering plant can be indicated in the "Customer plant" field:

1. Consignment level:

"Incoming goods plant = 002, Headquarters/Distribution"
 "Data receipt plant = 010, Stuttgart Untertürkheim" filled out.

2. Delivery note level:

"Customer plant = 050, Sindelfingen" (manual entry)

If the order has been transferred by a different plant, then this plant can be entered manually in the "Customer plant" field

1.2.4 Difference between "Check" – "Save" and "Print document"



At least one delivery note with an item number must be created before it is possible to check or save a delivery.

In contrast to the previous delivery note entry method, there is now a "check" function when entering a delivery (in the menu bar or using the right mouse button). The data are stored temporarily. DQM checks the previous entries and shows these using corresponding status symbols. The data that are temporarily stored via the "check" are not accessible using a consignment search. Accessing that data is only possible after the first proper save procedure.

If you happen to close the browser accidentally or a session times out then, after you have logged in again, DQM calls up the temporarily saved data to avoid a loss of data. The data is **not** lost.

The "save" function is necessary to activate the "Print document" function.

After the "save" is performed, the data can be found as a draft (🔑) under Item 301 "Search for consignment data". Here the data can be loaded, changed and transferred once more.

Category	Consign status	Filter	Plant for receipt of data	Plant for incoming goods	Data sender number	Supplier number	Consignment number	Delivery note number	Truck arrival date/time	Recording system	VDA Error	EDI arrival date/time (MET)	Incoming goods date/time
			All plants	All plants	444444*								
			059	059	44444446	44444446		22222222		DCM		12.10.22, 07:50	
			050	050	44444446	44444446	22222222	22222222		DCM		12.10.22, 07:49	
			050	050	44444446	44444446	99220804	Diverse	05.08.22, 00:00	DCM		04.08.22, 11:33	

If there is an error in the data, no document is created; the error is highlighted red and must be corrected. It is only possible to print a consignment once it is free of errors. Then the "Print document" button is activated and the goods receipt/issue documents can be displayed and printed.

1.2.5 Date field

A calendar is opened for all date fields. Clicking the desired date accepts that date information. The field then closes automatically. Direct input of the date is possible using the DD.MM.YYYY format

Type of truck	
Scheduled arrival date	
Scheduled arrival time	
Carrier delivery date	
Carrier delivery time	
Gross weight	
Net weight	
INCOTERMS code	Freight collect
Warehouse keeper code	EDI created by s

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Mon	Tue	Wed	Thu	Fri	Sat	Sun
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	1	2	3	4	5
6	7	8	9	10	11	12

Today

1.2.6 Displaying consignments in DQM

- Deliveries that have been sent via EDI (VDA 4913 or EDIFACT DESADV) are shown for 21 days
- Deliveries that have been created in DQM are shown for 90 days
- Deleted consignments are removed from the display after 90 days
- Unconfirmed consignments in the "Deliveries to a third party" process are deleted after one year
- Templates are not deleted

1.2.7 Templates – creating and editing

1. Create template

A template can be created from previously sent data or during the data entry.

The screenshot shows the SAP 'Consignment New Consignment' interface. At the top, there are fields for 'Data sender No.', 'Data sender name', 'Data receipt plant', 'Process: Delivery to plants', and 'Original standard: VDA4913'. Below these is a toolbar with various icons. One icon, representing a 'Consignment template', is circled in red. The main area is divided into 'Consignment data' and 'Package confirmations' tabs. Under 'Consignment data', there is a tree view with 'Consignment', 'New delivery note', 'Article number', and 'New packaging'. To the right, a table lists various fields and their contents. The 'Info' column contains icons for each field.

Field	Contents	Info
Supplier packaging number		Info
Customer packaging number		Info
Filling capacity (per packaging item)		Info
Number of packaging items		Info
Package number from		Info
Package number to		Info
Packaging dimension length		Info
Packaging dimension width		Info
Packaging dimension height		Info
Stacking factor		Info
Packaging ID	Returnable packaging	Info
Label identification		Info
Ownership ID	Undefined	Info
Label printing	SLC label & LLC label	Info
Stock number		Info

Using the "Consignment template" icon, the current consignment is saved and an overview of the previously saved templates is shown. Here, the templates can be saved and deleted. A name must be entered for the new template and it can then be saved.

Process: Delivery to plants

Note:

Templates are saved as part of this process.

For example:

Templates in the deliveries to a third party process can only be called up for new consignments to a third party.

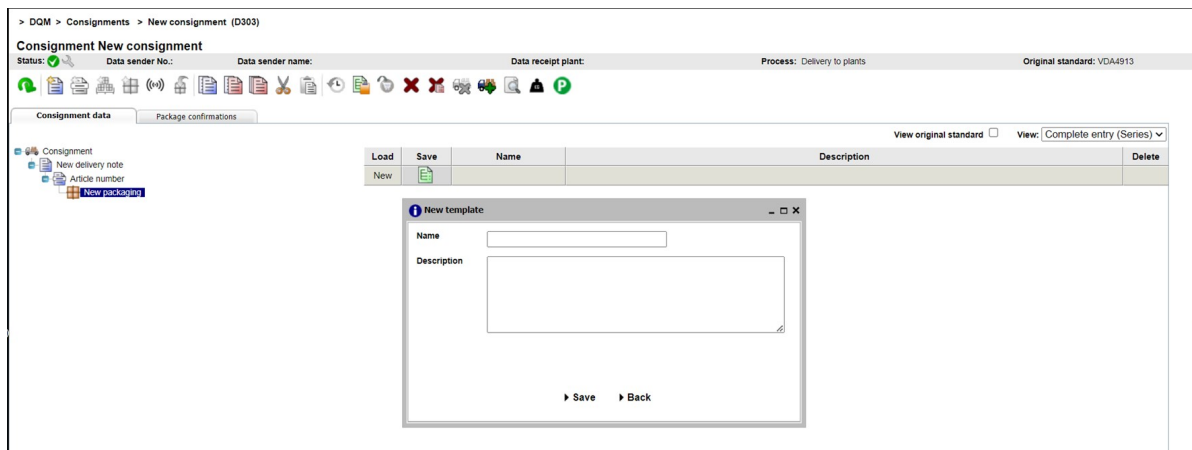
2. Edit template

The screenshot shows the same SAP 'Consignment New Consignment' interface. The 'Consignment data' tab is active, and the 'New packaging' icon is highlighted. Below the tree view, a table displays the overview of saved templates. The table has columns for 'Load', 'Save', 'Name', 'Description', and 'Delete'.

Load	Save	Name	Description	Delete
New				

When creating a new consignment, clicking the "Consignment template" icon displays the overview of the previously saved templates. Here, the templates can be saved, deleted and loaded.

If a template is loaded, the previously entered data is overwritten. A prompt appears and requires confirmation. The data can then be edited.



Note:

Please change all key fields (consignment number and delivery note number); otherwise, duplicates will occur.

1.3 Delivery note entry to the plants

1.3.1 Series/non-series scopes to the plants of Mercedes-Benz AG

The **New Consignments – with ordering data (D302)** navigation item enables the user to select the process for "delivery note entry for series/non-series scopes to plants of Mercedes-Benz AG".

Before entering delivery note data, the user can choose between two views:

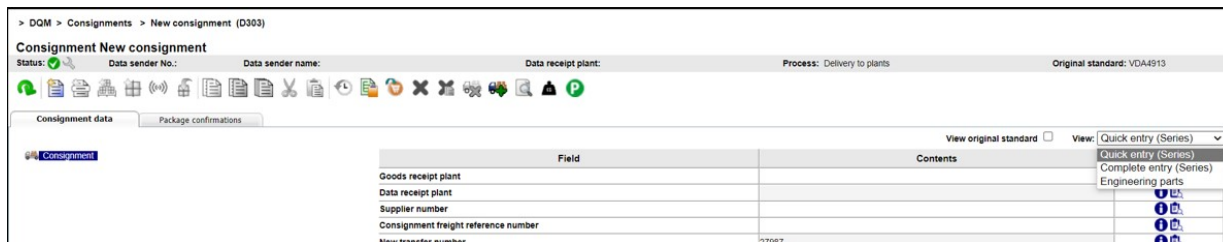
Complete entry:

All of the fields are displayed. Mandatory fields are displayed in bold type.

Quick entry:

Only the mandatory fields are displayed.

Engineering Parts: Additional input fields are required for entering delivery notes for development scopes. These are displayed in the entry function depending on the selected data receiving plant (019 or 059). See also 3 Delivery note entry for development scopes (MTC Sindelfingen and MTC Stuttgart-Untertürkheim)



1.3.2 Delivery note entry in the complete entry view

The screenshot shows the SAP 'Consignment New consignment' entry screen. The top header includes the status 'Status: [OK]', 'Data sender No.', 'Data sender name', 'Data receipt plant', 'Process: Delivery to plants', and 'Original standard: VDA4913'. Below the header is a toolbar with various icons. The main area is divided into two tabs: 'Consignment data' (selected) and 'Package confirmations'. On the left, a navigation tree shows 'Consignment' selected. The main table has four columns: 'Field', 'Contents', 'Info', and 'Info'. The 'Field' column lists various data fields, some in bold (mandatory). The 'Contents' column shows values for some fields, such as '27989' for 'New transfer number' and 'Number plate' for 'Means of transport code'. The 'Info' column contains an information icon for each row.

Field	Contents	Info
Goods receipt plant		[Info]
Data receipt plant		[Info]
Supplier number		[Info]
Goods recipient number		[Info]
Consignment freight reference number		[Info]
New transfer number	27989	[Info]
Transfer date		[Info]
Arrival time (EDI) / Creation time (Draft)		[Info]
Carrier data recipient		[Info]
Supplier plant		[Info]
Transport partner number		[Info]
Carrier		[Info]
Means of transport code	Number plate	[Info]
Means of transport number		[Info]
Means of transport information code		[Info]
Means of transport information		[Info]
Loading metres		[Info]
Type of truck		[Info]
Scheduled arrival date		[Info]
Scheduled arrival time		[Info]
Carrier delivery date		[Info]
Carrier delivery time		[Info]
Gross weight		[Info]
Net weight		[Info]
INCOTERMS code	Freight collect	[Info]
Warehouse keeper code	EDI created by supplier	[Info]

The record is divided into four columns.

Navigation tree

The navigation tree is located on the very left of the screen and is constructed automatically during the entry process. The user can navigate to the individual levels here.

An object with errors (consignment, delivery note, delivery note item, packaging item) is indicated in red type - the red type indicates errors within the object described. A red symbol indicates errors in the hierarchies subordinate to the object.

Field column:

Name of the input field.

Content column:

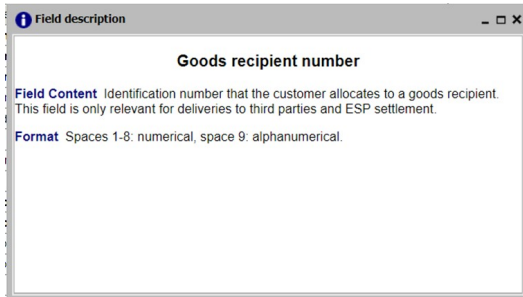
An entry is obligatory in all mandatory fields (indicated in bold type) when entering a delivery note.

The line is highlighted in red when an error occurs.

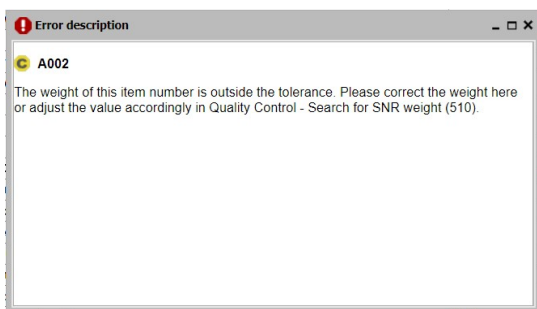
Info column:

Clicking on the info symbol displays the corresponding field description, format and remarks for each field. The text can be displayed in German or English. The language settings can be made under IBL - user data - Personal settings (I002).

Field description

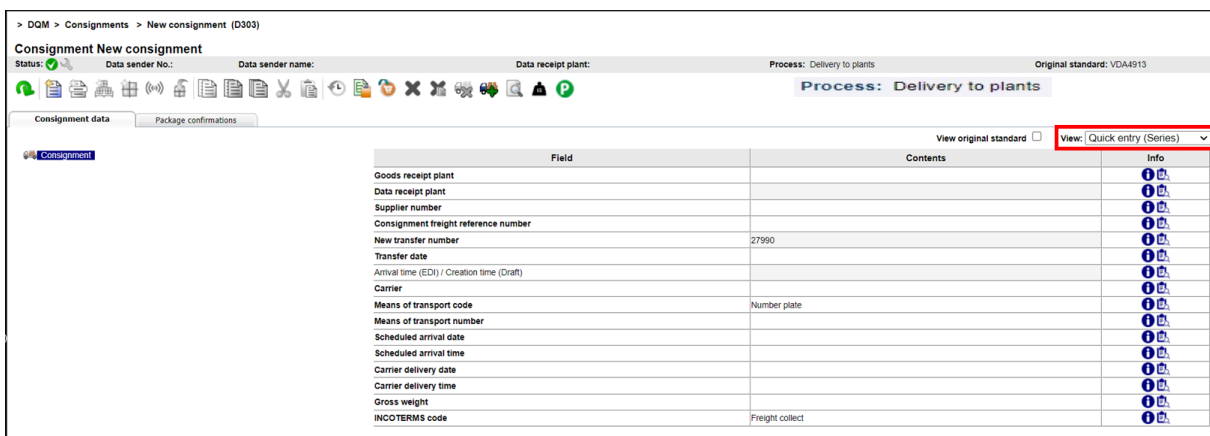


In the event of an error, a red exclamation mark appears. Clicking on the symbol displays the error message



You can find a detailed description of the field contents in the EDI manual in Section 3.6.1. (The EDI manual is available from the Mercedes-Benz AG Supplier Portal (<http://supplier.mercedes-benz.com>) under "Collaboration", "Production and Logistics", "Data communication with Mercedes-Benz AG".

1.3.3 Delivery note entry in the quick entry view



The record is divided into four columns.

The navigation tree is located on the very left of the screen and is constructed automatically during the entry process. The user can navigate to the individual levels here.

An object with errors (consignment, delivery note, delivery note item, packaging item) is indicated in red type - the red type indicates errors within the object described. A red symbol indicates errors in the hierarchies subordinate to the object.

Field column:

Name of the input field.

Content column:

An entry is obligatory in all mandatory fields (indicated in bold type) when entering a delivery note.

The line is highlighted in red when an error occurs.

For certain entries, an optional field may become a mandatory field. The application then automatically switches to "Complete entry".

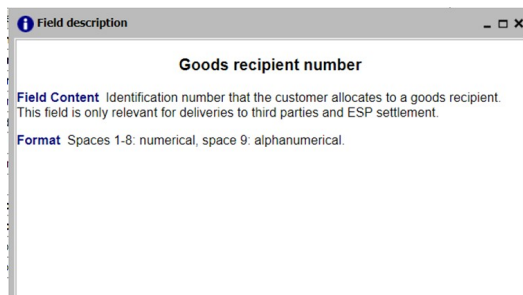
For example:

If the value "QTEXT" is entered in the **Item number – Customer** field, then the user must make an entry in the **Position text 1: Designation of delivery** field.

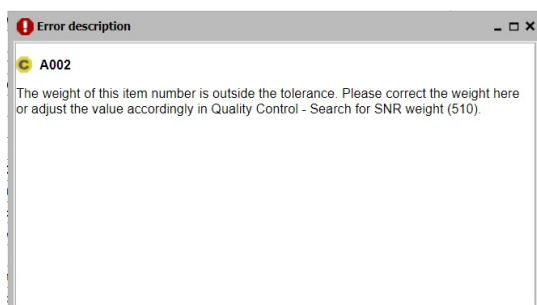
Info column:

Clicking on the Info symbol displays the corresponding field description, format and remarks for each field. The text can be displayed in German or English. The language settings can be made under IBL – user data - Personal settings (I002).

Field description



In the event of an error, a red exclamation mark appears. Clicking on the symbol displays the error message



You can find a detailed description of the field contents in the EDI manual in Section 3.6.1.

(The EDI manual is available from the Mercedes-Benz AG Supplier Portal (<http://supplier.mercedes-benz.com>) under "Collaboration", "Production and Logistics", "Data communication with Mercedes-Benz AG".

Enter data

The screenshot shows the 'Consignment New consignment' interface. At the top, there are fields for 'Data sender No.', 'Data sender name', 'Data receipt plant', 'Process: Delivery to plants', and 'Original standard: VDA4913'. Below this is a toolbar with various icons. The main area contains a table with the following data:

Field	Contents	Info
Goods receipt plant		Info
Data receipt plant		Info
Supplier number		Info
Consignment freight reference number		Info
New transfer number	27990	Info
Transfer date		Info
Arrival time (EDI) / Creation time (Draft)		Info
Carrier		Info
Means of transport code	Number plate	Info
Means of transport number		Info
Scheduled arrival date		Info
Scheduled arrival time		Info
Carrier delivery date		Info
Carrier delivery time		Info
Gross weight		Info
INCOTERMS code	Freight collect	Info

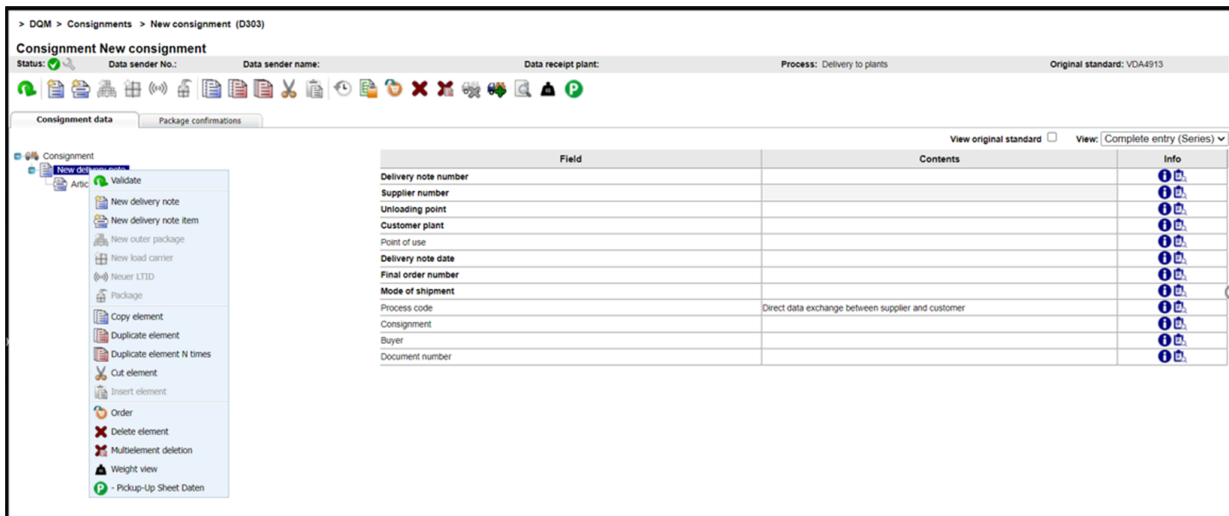
Data is entered in the respective field in the **Content** column. You can move to the next field by pressing the Tab button or using the mouse. If all fields are filled, then the next level can be edited. You can do this using either the toolbar or the right mouse button.

Create a record using the toolbar by clicking on the symbols:

The screenshot shows the same interface as above, but with a tooltip 'Create new delivery item list' pointing to a specific icon in the toolbar. The table below shows the fields and contents for this view:

Field	Contents	Info
Delivery note number		Info
Supplier number		Info
Unloading point		Info
Customer plant		Info
Point of use		Info
Delivery note date		Info
Final order number		Info
Mode of shipment		Info
Process code	Direct data exchange between supplier and customer	Info
Consignment		Info
Buyer		Info
Document number		Info

Create a record with the right mouse button by clicking on the corresponding command:



Note:

It is not possible to click between steps on the **Save** button (see Section 8.2.5).

Only once all levels have been filled out is it possible to click on "Check".

If incorrect entries are present, these will be highlighted in red and can be corrected. The error status (A, B, C or "Error-free") is shown in the menu bar. After making corrections, click "Check" once more.

If there are no errors in the consignment, the consignment documentation can be printed and the data can be released (see Section 8.3.5).

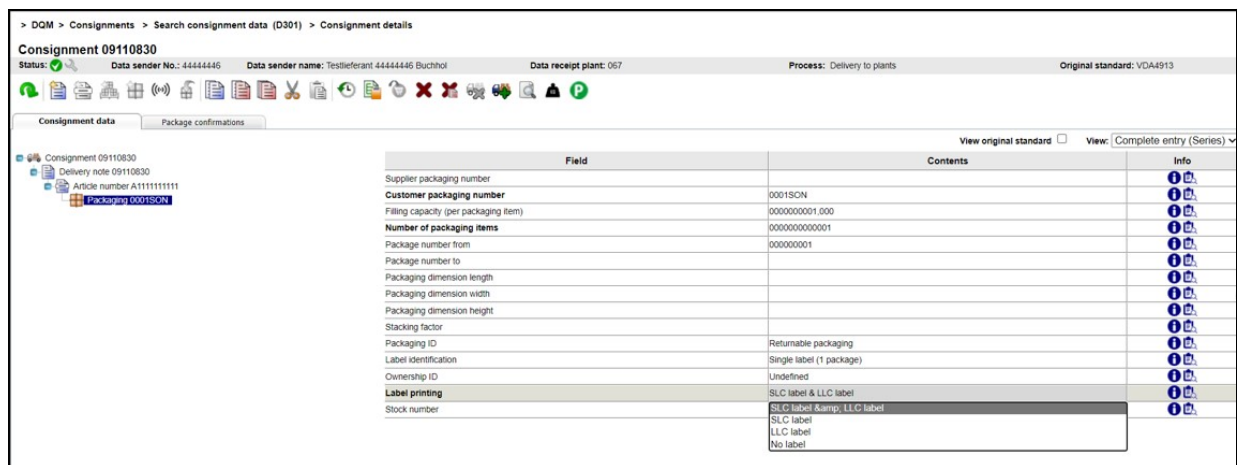
1.3.4 Checking, printing and sending data

1. Checking data:

If all data have been entered, then the entry can be checked. Data can only be transferred if they have the status "Error-free". If an error is still present, then it will be highlighted and can be corrected. For as long as the consignment contains errors, it can only be saved as a draft and called up using the "Search consignment data (301)" navigation item.

2. Printed label:

A new field is located in the packaging line: "Printed label". Using this option, it is possible to decide before printing which goods tags are to be printed in addition to the delivery note.

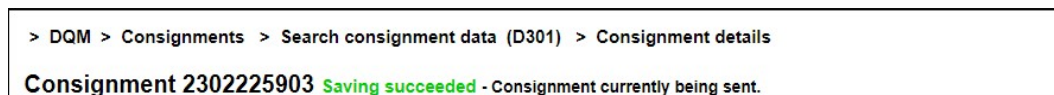


3. Print document:

The "Print document" function is only activated once "Save" has been clicked and this downloads a PDF with all necessary documents (delivery notes, goods tags for containers and small load carriers). The desired pages can be printed from this PDF. **If an error is present in the data, the button remains inactive (gray); the error is highlighted red and must be corrected. It is only possible to print once the consignment is error-free.**

4. Send data:

The "Send data" function is only activated **after** printing. The text "Sending successful" appears, along with the notification that the data is being processed and can only be changed after a period of 10 minutes, where necessary.



All sent and saved data (drafts) can be found after the registering process under "**Search Consignments – Search consignment data (D301)**".

1.3.5 Packaging – with packaging plan

1.3.5.1 Packaging plan exists

> DQM > Consignments > Search consignment data (D301) > Consignment details

Consignment 00070778

Status: Data sender No.: Data sender name: Data receipt plant: 050 Process: Delivery to plants Original standard: VDA4913

Consignment data **Packaging confirmations**

View original standard View: Quick entry (Series)

Field	Contents	Info
Supplier article number	00000000400072091	
Customer article number	A2136700702	
Item number position	001	
Article weight in kg		
Delivery quantity customer	000000003.000	
Quantity units customer	Piece	
Country of origin	Germany	
Usage ID	General production	
Modified version code	[empty][empty]	
Dutiable goods	Duty-free goods	
Preferential status	EU origin, preference given to countries with an origination agreement	
Serial number		
JISP Daten		
Customer order number		
Delivery schedule position no.		
Best before date (MHD)		
Date of manufacture (HSD)		

Once the delivery note item has been entered, the user can click on the "Packaging" button.

> DQM > Consignments > Search consignment data (D301) > Consignment details

Consignment 00070778

Status: Data sender No.: Data sender name: Data receipt plant: 050 Process: Delivery to plants Original standard: VDA4913

Consignment data Package confirmations

Consignment 00070778
 Delivery note 00532497
 Article number A2136700702
 Article number A2136702503
 Article number A2136702603
 Article number A2136702703
 Delivery note 50021164
 Article number A2136703103
 Article number A2136703203
 Article number A2136703403

Customer article No.: A2136700702 Supplier article No.: 00000000400072091 View original standard View: Complete entry (Series) Lot: 000000003,000

	Packaging plan/Packaging number	Valid from	Valid to	Number	Unloading point/designation
<input type="checkbox"/>	1	25.08.2022	31.12.9999		Unloading point 358
<input type="checkbox"/>	18718	25.08.2022	31.12.9999	1	Gestell WINDSCHUTZSCHEIBE WS BR213 BR 213
<input type="checkbox"/>	2	25.08.2022	31.12.9999		Unloading point 649
<input type="checkbox"/>	18718	25.08.2022	31.12.9999	1	Gestell WINDSCHUTZSCHEIBE WS BR213 BR 213

Field	Contents	Info
Customer packaging number		
Contents		
Packaging dimension length		
Packaging dimension width		
Packaging dimension height		
Ownership ID		
Packaging ID		

If one or several packaging plans have been defined, then it is possible to select one packaging plan via a selection box.

It is possible to select the entire contents of a packaging plan. In the event that some parts of the packaging plan are not in stock, then the plan can be reduced in accordance with the actual physical contents.

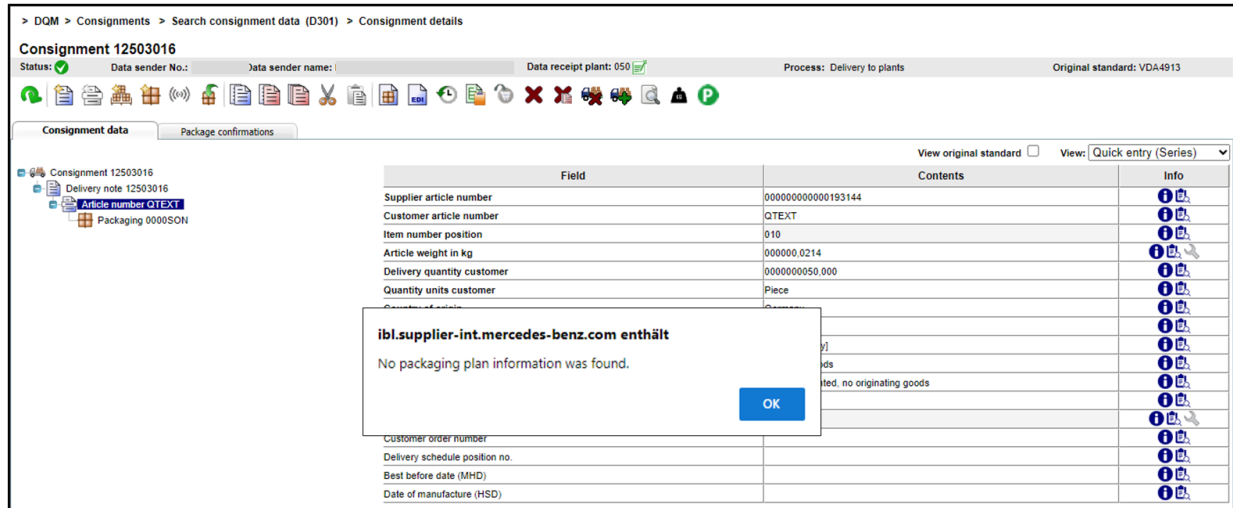
The packaging plan list shows all currently valid packaging plans. The packaging plan corresponding to the unloading point you have selected is shown at the top of the list.

The following information is relevant for the packaging plan display:

- Plant number (data receipt plant)
- Supplier number
- Item number
- Unloading point

If no receiving areas have been entered, then all packaging plans for the given plant number/supplier number/item number are shown.

1.3.5.2 No packaging plan exists



Once the delivery note item has been entered, the user can click on the "Packaging" button. The "Packaging" function is only available if there is a valid item number. If no packaging plan is defined, this message appears. It is then possible to package goods freely using the "Create new load carrier" function. In addition to the valid packaging code input method, there is also the possibility of selecting a packaging code from the VDA-defined packaging types (e.g. 0001SON, see **VDA 4913- Recommendation**).

2 Deliveries to third parties (D305)

2.1 Delivery note entry in DQM

The **New Consignment – Deliveries to third parties (D305)** navigation item enables the user to select the process for "delivery note entry for deliveries to third parties (cross-trade)".

The only difference to delivery note entry for "Series/non-series scopes to plants of Mercedes-Benz AG" is that the delivery note entry for third parties has the **"Goods recipient number"** field (see Section 8.3.1).

The screenshot shows the SAP DQM 'New Consignment' screen. The process is 'Delivery to 3rd parties' and the original standard is 'VDA4913'. The 'Consignment data' tab is active, and the 'Goods recipient number' field is highlighted with a red box. The table below shows the fields and their contents.

Field	Contents	Info
Goods receipt plant		Info
Data receipt plant		Info
Supplier number		Info
Goods recipient number		Info
Consignment freight reference number		Info
New transfer number	28016	Info
Transfer date		Info
Arrival time (EDI) / Creation time (Draft)		Info
Carrier data recipient		Info
Supplier plant		Info
Transport partner number		Info
Carrier		Info
Means of transport code	Number plate	Info
Means of transport number		Info
Means of transport information code		Info
Means of transport information		Info
Loading metres		Info
Type of truck		Info
Scheduled arrival date		Info
Scheduled arrival time		Info
Carrier delivery date		Info
Carrier delivery time		Info
Gross weight		Info
Net weight		Info
INCOTERMS code	Freight collect	Info
Warehouse keeper code	EDI created by supplier	Info

Goods recipient number:

The Mercedes-Benz AG supplier number of the goods recipient must be entered here. This number is communicated by the respective ordering party.

Note:

If an invalid number is entered here, the data cannot be sent.

As a general rule, the "Deliveries to third party" process can only be performed in coordination with Mercedes-Benz AG and the data recipient.

2.1.1 Differentiation between the incoming goods plant and the data receipt plant

The "Incoming goods plant" and "Data receipt plant" are displayed at the consignment level:

Field	Contents	Info
Goods receipt plant		i D P
Data receipt plant		i D P
Supplier number		i D P
Goods recipient number		i D P
Consignment freight reference number		i D P
New transfer number	28018	i D P
Transfer date		i D P
Arrival time (EDI) / Creation time (Draft)		i D P
Carrier data recipient		i D P
Supplier plant		i D P
Transport partner number		i D P
Carrier		i D P
Means of transport code	Number plate	i D P
Means of transport number		i D P
Means of transport information code		i D P
Means of transport information		i D P
Loading metres		i D P
Type of truck		i D P
Scheduled arrival date		i D P
Scheduled arrival time		i D P
Carrier delivery date		i D P
Carrier delivery time		i D P
Gross weight		i D P
Net weight		i D P
INCOTERMS code	Freight collect	i D P
Warehouse keeper code	EDI created by supplier	i D P

Only the "Incoming goods plant" can be selected; the "Data receipt plant" is filled out automatically once "Incoming goods plant" is selected.

Example (When do the incoming goods plant and the data receipt plant differ?):

If an EDI is sent to the "Incoming goods plant" 002, Control Center/Sales, the entry "010, Stuttgart Untertürkheim" automatically appears in the field "Data receipt plant". This is allocated automatically by a stored mapping table.

The delivery note level contains the "Customer plant" field:

Field	Contents	Info
Delivery note number		i D P
Supplier number		i D P
Unloading point		i D P
Customer plant		i D P
Point of use		i D P
Delivery note date		i D P
Final order number		i D P
Mode of shipment		i D P
Process code	Direct data exchange between supplier and customer	i D P
Consignment		i D P
Buyer		i D P
Document number		i D P

The "Customer plant" field is automatically filled out when the "Incoming goods plant" is selected if the field was first filled out at the consignment level and the delivery note level was then added. The "Incoming goods plant" and "Customer plant" plants are identical.

Attention:

Entries in the "Customer plant" field MUST NOT be changed for the Deliveries to third party process.

2.2 Data creation as per VDA 4913**2.2.1 Additional fields**

For cross-trade, the following fields must be specified in VDA 4913:

Record type	Position	Position	Data element	Input
711	011	59	Delivery identifier	H
713	013	60-68	Goods recipient number	8- or 9-digit supplier number of the goods recipient

2.2.2 File name

In order that the data can be routed correctly, a different file name must be used

MB050DRV instead of MB050WES

2.3 Data creation as per EDIFACT DESADV**2.3.1 Additional fields**

For cross-trade, the following DESADV fields must be filled out:

VDA element	Data element	Edifact segment	Input
71111	Delivery identifier	BGM.1225	H
71313	Goods recipient number	NAD.3039 (NAD.3035= DP)	8- or 9-digit supplier number of the goods recipient






2.3.2 File name

In order that the data can be routed correctly, a different file name must be used

MB050DRVE instead of MB050DESA

2.4 Tracking a consignment in DQM (D306)

Once all of the necessary delivery note data has been entered and the consignment has been sent, the data is displayed under the navigation item "Search Consignment - Deliveries to third parties (D306)". The processing status shows whether the goods recipient has adopted your data or acquired your data with the recognition of differences.

Symbol	Description
	Unconfirmed
	Fully confirmed without differences
	Fully confirmed with differences
	Partially confirmed without differences
	Partially confirmed with differences

All sent and saved data (drafts) can be found after the registering process under "**Search Consignments – Search consignment data (D301)**".

The consignments that are confirmed by the goods recipient are also shown here. The confirmed consignment has an automatically assigned consignment number; the delivery note number remains unchanged. This allows for a distinction to be drawn between the original and confirmed consignments.

- Confirmed data are shown for 21 days.
- Unconfirmed data are deleted after one year.

Note:

The goods recipient is only shown for error-free consignments here for the purposes of confirmation. If an EDI error occurs, then this must be corrected by the data sender under "**Search Consignments – Search consignment data (D301)**".

2.5 Data recipient

2.5.1 Edit deliveries to a third party

The incoming data is processed using the navigation item "Search Consignments - Delivery to 3rd parties (D306)".

The data sender has an identical view of the data.

> DQM > Consignments > Delivery to 3rd parties (D306)

Date: From: 14.08.2023 To: 01.09.2023
 Time: From: 00:00 To: 23:59

Status: 0
 0
 6

Status: 23
 1
 Toggle all

Extended search

<input type="checkbox"/>	Status	Receiving plant	Data sender number	Goods recipient number	Consignment number	Delivery note number	EDI date	EDI time (MET)
		050, Sindel						
<input type="checkbox"/>		050			00793770	00793770	31.08.23	14:54
<input type="checkbox"/>		050			00793846	00793846	31.08.23	17:39
<input type="checkbox"/>		050			04570761	04570761	01.09.23	13:49
<input type="checkbox"/>		050			00793857	00793857	31.08.23	17:49
<input type="checkbox"/>		050			00793856	00793856	31.08.23	17:49
<input type="checkbox"/>		050			04575261	04575261	01.09.23	15:19
<input type="checkbox"/>		050			00789634	00789634	17.08.23	14:39
<input type="checkbox"/>		050			00368621	00368621	14.08.23	05:09
<input type="checkbox"/>		050			00368731	00368731	14.08.23	16:49
<input type="checkbox"/>		050			00788957	00788957	14.08.23	13:29
<input type="checkbox"/>		050			00789013	00789013	14.08.23	17:29
<input type="checkbox"/>		050			04550970	04550970	14.08.23	16:54

Note: For the "Delivery note number" there is also the possibility to perform a "Diverse" search. With the "Diverse" search option, only consignments that contain more than one different value in the respective field are found.

Click on the symbol once to open the consignment.
You can only edit unconfirmed consignments.

Partially or fully confirmed consignments can be displayed.

Overview of new symbols

Symbol	Description
	Unconfirmed
	Fully confirmed without differences
	Fully confirmed with differences
	Partially confirmed without differences
	Partially confirmed with differences

2.5.2 Confirm deliveries to a third party

> DQM > Consignments > Delivery to 3rd parties (D306) > Collections

Collection of delivery to 3rd parties

Data sender No.: Data sender name: Goods recipient number: Consignment number 04380682

Consignee: _____

<input type="checkbox"/>	<input type="checkbox"/>	Consignment number: 04380682	Show	Delivery note date		Announced quantity	Confirmed quantity
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Delivery note number: 04380682	Show	10.05.2023			
	<input type="checkbox"/>	Article number: U0000000109020000	Show		Quantity:	9090,000	9090,000
	<input type="checkbox"/>	Packaging number: 0000SON	Show		Packaging quantity:	1	1
	<input type="checkbox"/>	Article number: U0000000109020000	Show		Quantity:	7260,000	7260,000
	<input type="checkbox"/>	Packaging number: 0000SON	Show		Packaging quantity:	1	1
	<input type="checkbox"/>	Article number: U0000000109020000	Show		Quantity:	7220,000	7220,000
	<input type="checkbox"/>	Packaging number: 0000SON	Show		Packaging quantity:	1	1

▶ Save ▶ Back to the list

Click **Display** to show the data at the respective level.

The quantity of delivered goods can be confirmed or corrected.

If the quantity position is "0", then a value must be entered. Deleting the incoming data is not permissible!

Clicking the **Back to the list** button opens an overview (Search Consignments - Delivery to 3rd parties (D306)) without the data being saved.

As soon as all information is entered correctly in its entirety, the data can be transferred.

Click the **Save** button to save and transfer the edited data. You are then forwarded automatically to the overview (Search Consignments - Delivery to 3rd parties (D306)).

Note:

After confirming the data, they will be shown for a period of 21 days.

Note for metal management:

If the further processing of a consignment cannot be completed, checking the box to the left of the respective delivery note resets the delivery note.

The unprocessed delivery notes appear in the overview "Search for deliveries to a third party" with the status "unconfirmed".

2.5.3 Confirming with differences

> DQM > Consignments > Delivery to 3rd parties (D306) > Collections

Collection of delivery to 3rd parties

Data sender No.: Data sender name: Goods recipient number: Consignment number 04272419

Consignee: _____

Consignment number: 04272419				Announced quantity	Confirmed quantity
<input checked="" type="checkbox"/>	 Delivery note number: 04272419	Show	Delivery note date: 10.06.2020		
	 Article number: U0000000109040000	Show		Quantity: 9432.000	9430.000
	 Packaging number: 0000SON	Show		Packaging quantity: 1	1
	 Article number: U0000000109040000	Show		Quantity: 9512.000	9512.000
	 Packaging number: 0000SON	Show		Packaging quantity: 1	1

If the confirmed quantity deviates from the advised quantity, this is indicated immediately through a symbol. As soon as there is a quantity-based difference in a consignment, the entire consignment is assigned the status "Fully confirmed with differences"

Clicking the **Back to the list** button opens an overview (Search Consignments - Delivery to 3rd parties (D306)) without the data being saved.

As soon as all information is entered correctly in its entirety, the data can be transferred. Click the **Save** button to save and transfer the edited data. You are then forwarded automatically to the overview (Search Consignments - Delivery to 3rd parties (D306)).

Note:

After confirming the data, they will be shown for a period of 21 days.

Note for metal management:

If the further processing of a consignment cannot be completed, checking the box to the left of the respective delivery note resets the delivery note. The unprocessed delivery notes appear in the overview "Search for deliveries to a third party" with the status "unconfirmed".

3 Delivery note entry for development scopes (MTC Sindelfingen and MTC Stuttgart-Untertürkheim)

3.1 Function MTC deliveries with order data (D304)

The old version of the D304 function is temporarily retained and can be accessed via the navigation tree. After a transition period, it will be switched off and only the new version will be available.

The function is called up via DQM – New Consignment – **MTC deliveries with order data (D304)**.

> DQM > Consignments > Delivery entry for development scopes with data (D304Neu)

Date **1** Time

From: 01.12.2022 **23** From:

To: **23** To:

4 Search

3

<input type="checkbox"/> Plant for receipt of data	Supplier number	Order number	Order position	Unloading point	Article number	Description	Quantity	Quantity unit	FINAS number	Vehicle number	Import time
2 All plants											

5

6 Enter new delivery note **7** Back

1. The **Period** for the search can be defined here. The **Date** can either be entered in numerical form **dd.mm.yy** or selected using the calendar function. To do so, click the **Calendar symbol** and select the desired date in the calendar.

Here, the applicable **Time** for the search can be restricted. The time of day is entered in the format **hh:mm**.

2. The search criteria can be entered in this line. The user can restrict the search to the following values:

- **Plant for receipt of data** (Selection from drop-down list; 019 oder 059)
- **Supplier number** (the supplier only sees his own orders)
- **Order number**
- **Unloading point**
- **Article number**
- **Description**
- **FINAS number**
- **Vehicle number**

3. Individual rows can be selected in the **selection column**. A click on the selection box in the table header selects all search results of the current search.

To be able to compile a delivery flexibly from different orders, the selection was realised in such a way that selected elements are also displayed in the search result after a new search, even if they no longer correspond to the search criteria.

3.2 Delivery note entry

The consignment data is pre-filled using the data imported from Nacos. Missing data must be added. Mandatory fields on the system side are displayed in red when the function

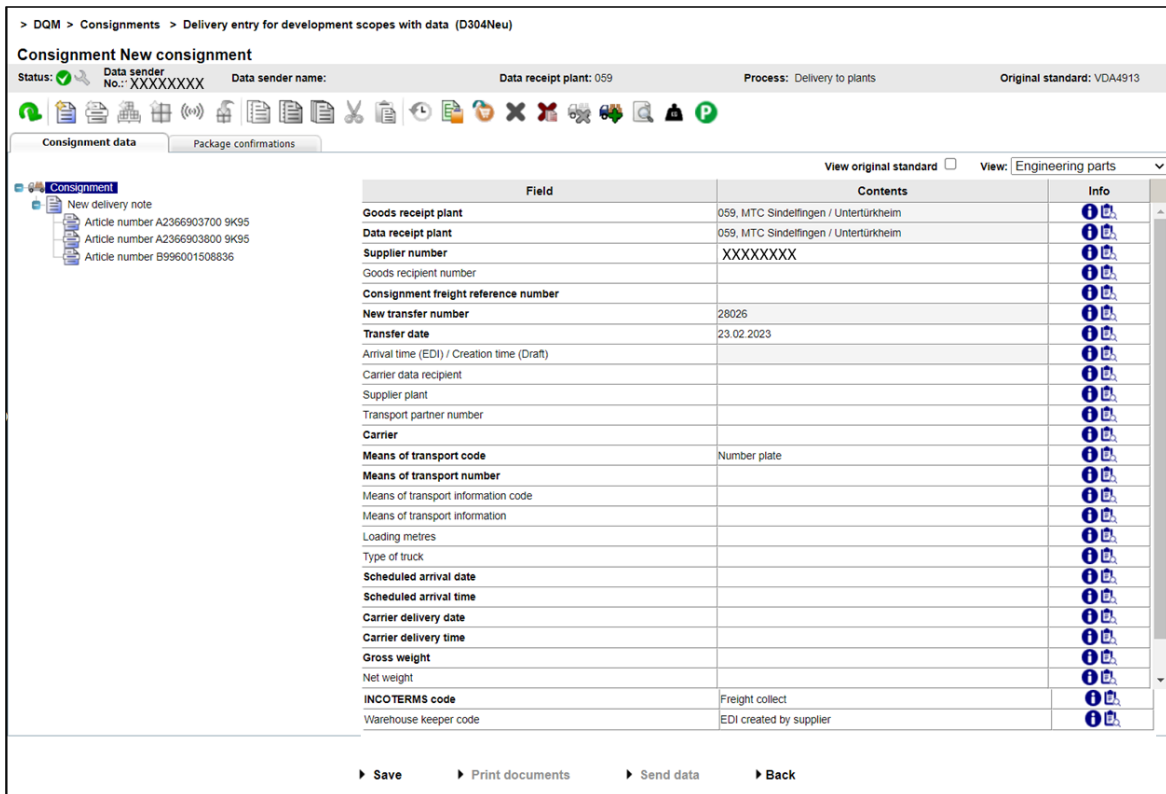
Validate consignment

is executed.















































































Correcting the fields at all levels and checking again (or saving) results in an error-free consignment.

View Engineering Parts: Additional input fields are required for entering delivery notes for development scopes. These are displayed in the entry function depending on the selected data receiving plant (019 or 059).

There are no additional input fields for development scopes at **consignment level**.



The screenshot shows the SAP 'Consignment New consignment' entry screen. The breadcrumb path is '> DQM > Consignments > Delivery entry for development scopes with data (D304Neu)'. The header includes 'Status: [checkmark]', 'Data sender No.: XXXXXXXX', 'Data sender name:', 'Data receipt plant: 059', 'Process: Delivery to plants', and 'Original standard: VDA4913'. Below the header is a toolbar with various icons. The main area is divided into 'Consignment data' and 'Package confirmations' tabs. A tree view on the left shows 'New delivery note' with three sub-items: 'Article number A2366903700 9K95', 'Article number A2366903800 9K95', and 'Article number B996001508836'. The main table has columns for 'Field', 'Contents', and 'Info'. The 'Info' column contains icons for help, print, and delete. The table lists various fields such as 'Goods receipt plant', 'Data receipt plant', 'Supplier number', 'Consignment freight reference number', 'New transfer number', 'Transfer date', 'Arrival time (EDI) / Creation time (Draft)', 'Carrier data recipient', 'Supplier plant', 'Transport partner number', 'Carrier', 'Means of transport code', 'Means of transport number', 'Means of transport information code', 'Means of transport information', 'Loading metres', 'Type of truck', 'Scheduled arrival date', 'Scheduled arrival time', 'Carrier delivery date', 'Carrier delivery time', 'Gross weight', 'Net weight', 'INCOTERMS code', and 'Warehouse keeper code'. At the bottom, there are buttons for 'Save', 'Print documents', 'Send data', and 'Back'.

Field	Contents	Info
Goods receipt plant	059, MTC Sindelfingen / Untertürkheim	  
Data receipt plant	059, MTC Sindelfingen / Untertürkheim	  
Supplier number	XXXXXXXX	  
Goods recipient number		  
Consignment freight reference number		  
New transfer number	28026	  
Transfer date	23.02.2023	  
Arrival time (EDI) / Creation time (Draft)		  
Carrier data recipient		  
Supplier plant		  
Transport partner number		  
Carrier		  
Means of transport code	Number plate	  
Means of transport number		  
Means of transport information code		  
Means of transport information		  
Loading metres		  
Type of truck		  
Scheduled arrival date		  
Scheduled arrival time		  
Carrier delivery date		  
Carrier delivery time		  
Gross weight		  
Net weight		  
INCOTERMS code	Freight collect	  
Warehouse keeper code	EDI created by supplier	  

At **delivery note level** there are additional optional input fields for development scopes.

> DQM > Consignments > Delivery entry for development scopes with data (D304Neu)

Consignment New consignment

Status: Data sender No. XXXXXXXX Data sender name: Data receipt plant: 059 Process: Delivery to plants Original standard: VDA4913

Consignment data Package confirmations

View original standard View: Engineering parts

Field	Contents	Info
Delivery note number		
Supplier number	XXXXXXXX	
Unloading point	9005	
Customer plant	059	
Point of use		
Delivery note date	23.02.2023	
Final order number	3059530558	
Mode of shipment		
Process code	Direct data exchange between supplier and customer	
Consignment		
Buyer	XXXXXXXX	
Document number		
Contact person of customer		
Phone number of customer	+49 XXXXXXXX	
Contact person of supplier		
Phone number of supplier		

The **delivery note date** is to be checked and changed if necessary - it is pre-set with the current date.

At the **article number level**, there are additional input fields for development scopes.

> DQM > Consignments > Delivery entry for development scopes with data (D304Neu)

Consignment New consignment

Status: Data sender No.: XXXXXXXX Data sender name: Data receipt plant: 059 Process: Delivery to plants Original standard: VDA4913

Consignment data Package confirmations

View original standard View: Engineering parts

Consignment

- New delivery note
 - Article number A2366903700 9K95
 - Article number A2366903800 9K95
 - Article number B996001508836

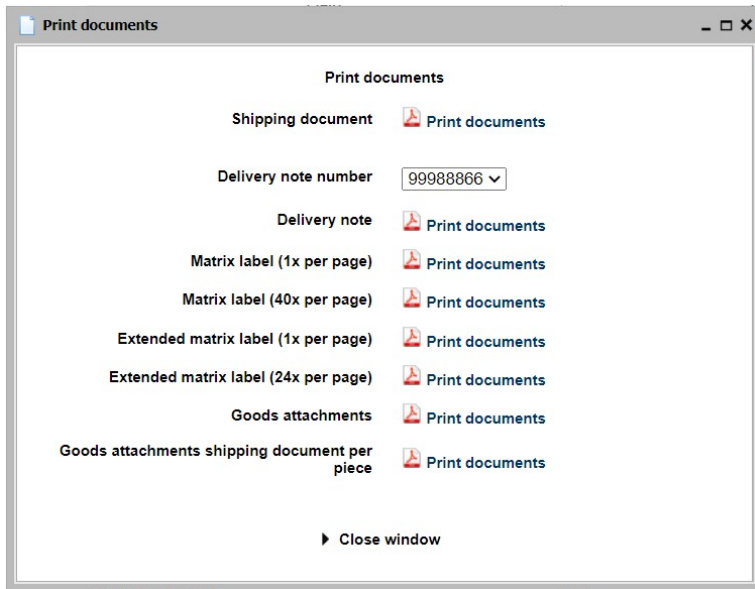
Field	Contents	Info
Supplier article number	A2366903700 9K95	
Customer article number	A2366903700 9K95	
Item number position		
Article weight in kg	000000,0000	
VAT rate		
Delivery quantity customer	0000000014,000	
Quantity units customer	Piece	
Delivery quantity supplier		
Quantity units supplier	---	
Country of origin	Germany	
Usage ID	Not given	
Batch number		
Modified version code	[empty]T	
Dutiable goods	Duty-free goods	
Dangerous substances		
Call-up number		
Call-up code	Normal delivery	
Drawing geometry status	Z001	
Preferential status	EU origin, preference given to countries with an origination agreement	
Q/D Identifier		
Q/D status		
Construction lot	UM067	
KEM		
Additional information		
JISP Daten		
Customer order number		
Delivery schedule position no.		
FINAS ident. no		
Supplier ident. no		
Description of the delivery	VERKLEIDUNG A-SAEULE OB	
Zeichnungsdatum	07.06.2007	
Vehicle no./aggregate no.		
Version number		
Project	236	
Goods label per item		
Hint text (Type)	General	
Hint text		
Order position	001	
Hardware material number		
Hardware status		
Article number of software		
Software status		
Status of the suppliers scope of delivery		

There are no additional input fields for development scopes at the **packaging level**.

3.3 Print documents

As soon as the consignment data is error-free, the required documents can be printed.

By executing the function ► **Print documents**, a pop-up window is displayed in which the user can download the necessary documents.



The following documents are available:

- **Shipping document**
- **Delivery note** (with selection of delivery note number from drop-down list)
- **Matrix label (1x per page)**
- **Matrix label (40x per page)**
- **Extended matrix label (1x per page)**
- **Extended matrix label (24x per page)**
- **Goods attachment**
- **Goods attachments shipping document per position**

The **Print documents** function can/must be executed for each individual document.

With ► **Close window** the pop-up window is closed.

(The instructions are available from the Mercedes-Benz AG Supplier Portal (<http://supplier.mercedes-benz.com>) under "**Collaboration**", "**Production and Logistics**", "**Data communication with Mercedes-Benz AG**".

3.4 Function MTC deliveries (D3 19)

The entry without transfer of order data from Nacos is done manually