



**PORSCHE**

**Guide to Electronic Data Interchange between  
Porsche and its suppliers**

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## INTRODUCTION

Improved goods flow in the supply chain between Porsche and its suppliers requires fast, automated information flows within this complex system in the development and supply phase. The tool that enables all the partners concerned to carry out business transactions with each other is Electronic Data Interchange – EDI<sup>1</sup>.

Using electronic communication between Porsche and its suppliers should lead to information being transferred and used more effectively both internally and between business partners. The information flow preceding, accompanying or following the physical goods must be ensured and thus support smooth running of the logistics and supply chain. This ensures that the supply chain process is designed to enable suppliers to deliver their modules to Porsche in the right quantity, at the right time, in the right place of installation, in the agreed versions and delivery form. Every Porsche partner should be able to access full information updates and react quickly with a targeted response to any problems.

The purpose of this guide is to provide our suppliers with useful basic information on EDI along with a current overview of the formats in use at Porsche.

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<sup>1</sup> **EDI:** Electronic Data Interchange

# **1 Electronic Communication (EDI, DFÜ)**

## **1.1 Transferring different types of data**

### **1.1.1 Administrative data**

All partners are to use standardized electronic message records for transferring business data (delivery instructions, invoices, etc.) All EDI master data is stored centrally for this purpose. To create the master data, the relevant Porsche EDI administrators send out datasheets for suppliers to complete and return. Storing the master data centrally ensures that all important master data is up to date and is accessible to all involved.

As part of the connection via OFTP2, digital certificates are exchanged. These are used by means of electronic data exchange over the internet to guarantee the authenticity and integrity of the data and to protect the content of logistics, financial and CAD data using modern encryption methods. Each EDI partner is responsible for the administration and timely notification of his certificate. In order to avoid interruptions in the connection, the new certificates should be communicated to the EDI works at least 2 weeks in advance. A list of approved certificates can be requested at any time.

The certificates are issued by an authority. Odette CA is the certification authority for the automotive industry recognized and recommended by manufacturers and suppliers. The logistics department of the VDA acts as a partner for validation of the certificates applied by companies in Germany, Austria and Switzerland.

### **1.1.2 Use of standards**

Our communications connections are designed in accordance with the public recommendations of the Verband der Automobilindustrie e.V. (VDA) on the electronic exchange of structured data in supply networks.

## **1.2 Use of EDI**

Our suppliers must use electronic communication and therefore should plan for the fact that we will require them to use EDI standards for communicating business data.

## **2 DATA PROCESSING – TECHNICAL SOLUTION**

### **2.1 Data transfer processing**

Data transfers with Porsche are processed via the centralized Dr. Ing. h.c. F. Porsche AG (Porsche AG) datacenter. Every area of supplier communication where EDI is employed transfers data using SAP Exchange Infrastructure (SAP XI).

In-house editing of EDI data is performed in SAP Exchange Infrastructure, as is the conversion of the data in accordance with national (VDA) and international (ODETTE) standards.

### **2.2 Process of EDI connections**

A request must be sent by email to the Porsche EDI team [Edi-Rechnungswesen@porsche.de](mailto:Edi-Rechnungswesen@porsche.de)

The Porsche EDI team will send the relevant information (EDI guidelines, VDA documentation, etc.) by email and initiate the necessary settings in the converter (PI2).

The supplier will create an EDI test file (TXT). The correctness of these files must be checked by the suppliers in the Validation Portal VDA.

[https://portal.gefeg.com/validationportal/\(S\(51o0wakd34vhudlawyuw1sax\)\)/VDA4938/login.aspx?&Proj=54&Lang=DE&Relogin=true](https://portal.gefeg.com/validationportal/(S(51o0wakd34vhudlawyuw1sax))/VDA4938/login.aspx?&Proj=54&Lang=DE&Relogin=true)

As soon as the test file is correct, the supplier sends the error-free test file (TXT) and the error log from the Gefeg portal to the Porsche EDI team by email. This will import the test file into the FileZilla system. Subsequently the transfer into the SAP test system K01 takes place. If the invoice has been processed successfully, the supplier is asked to send a productive invoice. This is checked by the Porsche EDI team in the production system P01. The supplier then receives feedback.

### **EDI Agreement**

An EDI agreement isn't necessary.

### **2.3 EDI interface to suppliers**

EDI at Porsche is carried out exclusively via point-to-point connections between Porsche and its partners.

Our suppliers must take all necessary measures so that an error-free processing of the EDI data is always given. This requires an automatic and continuous processing of the EDI data.

### **2.4 Establishing connections between Porsche and technical partners**

The Porsche AG datacenter provides a 24 hour EDI service for the supplier industry (permanent transmission and reception operability). Connection is established by Porsche via automatic calls to the supplier's communication processor (dial-out procedure).

#### **How Porsche transmits data**

(e.g. credit advice, self-billing invoice)

Transfer of data to suppliers is triggered by an automatic call to the supplier (dial-out procedure). Using this process, Porsche ensures that data transfer is performed as soon as the data is created.

#### **How Porsche receives data**

(e.g. invoices, in exceptional cases also credit notes)

The transfer of data from suppliers is generally triggered by an automatic call from the supplier to the Porsche AG datacenter (DIAL-IN PROCEDURE). The incoming data is routed to its destination system (e.g. goods receipt system) immediately following receipt.

### **2.5 Contingency plan**

In order to assure Porsche production and fault-free supply of its plants, both Porsche and its suppliers must have contingency plans in place for all process steps. They come into effect if the system, and thus fault-free delivery, is temporarily unavailable.

### 3 Contacts

#### 3.1 Porsche EDI team: EDI coordination financial data (cross-plant)

Mr Matthias Goecke E-mail: Edi-Rechnungswesen@porsche.de  
Tel.: +49 711-911-22608

Ms Sabrina Geeraert E-mail: Edi-Rechnungswesen@porsche.de  
Tel.: +49 711-911-53198

#### 3.2 Porsche supplier communication

Here you can find an overview of the formats used in individual plants.

	Zuffenhausen	Ludwigsburg/ Sachsenheim	Leipzig	Weissach
VDA 4907/ VDA 4988 remittance advice	x	x	x	x
VDA4938 invoice	x	x	x	x
VDA 4921 incoming waybill	x		x	
freight invoice	x		x	
VDA 4927 container/empties information outgoing to logistics service provider (LSP)			x	

## 4 Virtual filenames

### 4.1 Outgoing messages

The filename format for outgoing messages from Porsche to suppliers is as follows  
**XX.YYYYY.ZZZZZZ**

**XX = plant code always ZU**

ZU Zuffenhausen  
ZU Leipzig  
ZU Ludwigsburg  
ZU Weissach

**YYYYY = supplier number (first 5 digits)**

**ZZZZZZ = transfer format**

V4907 VDA 4907 remittance advice  
V4908 VDA 4908 credit advice

### 4.2 Incoming messages

The filename format for messages that Porsche receives from suppliers is as follows  
**YYYYY.XX.ZZZZZZ** with the exception of invoices which are always formatted as  
**YYYYY.ZU.V4938**

**XX = plant code always ZU**

ZU Zuffenhausen  
ZU Leipzig  
ZU Ludwigsburg  
ZU Weissach

**YYYYY = supplier number**

**ZZZZZZ = transfer format**

V4938 VDA 4938 invoices (Global Invoic)  
V4921 VDA 4921 waybill  
SFRG special format freight invoice



## **5 Supplier communication Zuffenhausen**

### **5.1 VDA 4907 Remittance advice**

EDI of remittance advice files at Porsche is based on VDA 4907. For each payment run, a transmission is created for each supplier and each currency.

#### **Explanatory note on record type 911 field 04 supplier number**

Because the supplier number in SAP has 10 digits it is right aligned with leading zeros.

#### **Explanatory note on record type 912 field 04 document type**

Remittance advices via EDI are processed in SAP Standard by basic type PEXR2001 and message type REMADV. For individual documents settled by a payment, the system forwards only the invoice or credit advice information to the supplier. But VDA 4907 allows for detailed codes here (see appendix 5, VDA standard, issue August 1993).

This list of codes was implemented by extending the standard program based on specific procedures (invoices, credit advices, debits, cancellations, etc.) in accordance with VDA specifications.

If there is no entry in the 'SAP – VDA document type' assignment table then the following will be set

'01 – invoice' on credit line item default

'03 – your credit advice' on debit line item default

#### **Explanatory note on record type 912 fields 05 and 10 supplier invoice number**

Because fields 05 and 10 only have 8 characters each while the field reference in SAP can have up to 16, the reference or invoice number of the supplier is split.

The invoice number is imported right to left. An invoice number of up to 8 digits right to left is imported left-aligned in field 05 and completed with blanks if necessary. Additional digits (i.e. 9-16) are also imported left-aligned in field 10 and completed with blanks if necessary.

#### **Explanatory note on record type 912 field 12 remittance advice**

In principle, the remittance advice number always has 10 digits. Because the field 'payment reference number' in the VDA record only has 6 characters, the remittance advice number is read from the right and only 6 characters are imported into the field. To complete the remittance advice, the number sequence 3901/3902 is put in front of this.

#### **Explanatory note on record type 919 field 06 payment method**

The payment method is always '2' (bank transfer).

## 5.2 VDA 4938/83 invoice

We are guided by the VW standard. The structure of the file can be found under the following link:

**[https://www.vwgroupsupply.com/one-kbp-pub/media/shared\\_media/documents\\_1/electronic\\_data\\_interchange/edi\\_guidelines/edi\\_message\\_guides\\_finance/vda\\_4988\\_\\_global\\_remadv/Volkswagen\\_VDA\\_4988\\_-\\_GLOBAL\\_REMADV\\_VDA\\_1.0\\_-\\_VW\\_1.0\\_DE.pdf](https://www.vwgroupsupply.com/one-kbp-pub/media/shared_media/documents_1/electronic_data_interchange/edi_guidelines/edi_message_guides_finance/vda_4988__global_remadv/Volkswagen_VDA_4988_-_GLOBAL_REMADV_VDA_1.0_-_VW_1.0_DE.pdf)**

## 5.3 VDA 4938/83 invoice

Porsche uses EDI of purchase invoice data as per VDA 4938/83 to transmit invoices for blanket orders (production and spares materials = scope of delivery instruction). In this context, the SBI (self-Billing invoice), (neither in VDA4908 Format, nor in VDA4938) is not supported. Attention: Porsche doesn't accept credits, remeasurements or complaints by our suppliers. Corrections were only initiated from Porsche. Exceptional cases are to be agreed with the accounting department.

**All invoices for deliveries of the series and spare parts are obligatorily to send via EDI.**

**Invoices with small amounts must be avoided, several daily deliveries of goods for a material must be collected in only one invoice. Same positions per delivery note inside one invoice must be cumulated.**

***Please also note the following requirements for invoicing (serial suppliers):***

- send only max. 1000 invoices (BGM segments) per transfer
- only send invoices for one supplier number per transfer
- One delivery plan/order number per invoice
- One delivery note number per invoice
- Max. 5 billing items per invoice
- Same material numbers are to be consolidated per invoice
- Use the correct **ASCII** encoding
- Please do not use test flags in the test phase or in the production system
- All necessary segments must be included
- UST ID of buyer and seller must always be indicated

### **Special features during the introduction**

If EDI messages are not yet exchanged between a supplier and Porsche AG, the technical communication connection must be carried out as described in section 2.1.

A test phase is planned before the start of productive operation, the time frame for which must be agreed with the contact person at Porsche. The Porsche specialist department analyses the data and agrees on the formal and content-related correctness with the contact persons at the supplier. In this test phase, the invoices must continue to be sent using the previous transmission method so that Porsche can make the correct payment. The test data is only entered into the test system for formal verification.

Once a stable, error-free condition has been achieved, the date of the real test is coordinated by the Porsche specialist department. From this date on, it must be ensured that sent EDI invoices are no longer sent in a different format.

### **Time of data transmission**

Porsche can send and receive data 24 hours a day.

### **Problem management**

You need to make sure that the transmission goes through successfully (i.e. that you receive an acknowledgment). For VDA4938/83-Messages, an APERAK-Response-Messages can also be sent back to our suppliers. Further information's can be found in VDA 4938 Part 5 APERAK and chapter 5.4. At Porsche, the sequence of transmission numbers does not necessarily have to be ascending. To prevent errors, always check that the **Porsche mandatory fields** are correctly filled out.

It must also be taken into account that the invoice itemisation has an impact on processing and fault handling.

### **Basic technical conditions**

EDI of invoice data is not dependent on different unloading points e.g. Weissach, Leipzig, Osnabrück, Ludwigsburg, Sachsenheim or Zuffenhausen.

### **Complete and correct address in**

1. NAD +BY (Dr. Ing. h.c. F. Porsche AG+Porscheplatz 1+Stuttgart++70435+DE) und
2. NAD +SE without PO box address

Also, note that regardless of which plant in Germany the goods were delivered to, the invoice must **always state our VAT no. DE147799625**.

Your master data (for example: Order- and Materialnumber) and prices must always be kept up to date to allow fast, automatic and problem-free processing.

### **Data format**

The data for the invoice EDI must be provided in the format of the VDA recommendation VDA4938 Part 2 - Version 2.4, October 2018.

<https://www.vda.de/de/services/Publikationen/global-invoic-anwendungshandbuch.html>

### **Statutory regulations/information**

The introduction of procedures that will guarantee data authenticity and integrity is planned. National regulations (GoBS) must be observed. Specifically for intra-community deliveries, the specification of the VAT ID of the biller and the recipient is mandatory.

**Invoices with foreign sales tax will still be requested in paper form and will not be accepted via EDI.**

### **Sales tax registrations**

Porsche AG is currently registered for VAT in the following European countries (status: 11/15/2018)

<b>Country</b>	<b>Country code</b>	<b>VAT.-Id. Nr.</b>	<b>Registration time</b>
Germany	DE	147799625	
Belgium	BE	0670595147	from 02/21/2017
Bulgaria	BG	3078252374	from 07/03/2021
France	FR	75817880644	(from 2015)
Great Britain	GB	253556888	(from 2014)
Italy	IT	00185729993	from 12/22/2016
Croatia	HR	62759983305	from 05/01/2021
Netherlands	NL	800996069B01	(from 2014)
Austria	AT	U57551811	(10/12/2017)
Portugal	PT	980564026	(from 2015)
Sweden	SE	502070031501	(from 2007)
Switzerland	CH	CHE-398.193.349	(from 2011)
Slovakia	SK	4020117123	(from 03/16/2012)
Slovenia	SI	37005499	(from 2016)
Spain	ES	N0046421D	
Czech Republik	CZ	683981739	from 10/15/2016
Hungary	HU	26919221	(from 2014)
Romania	RO	43761439	from 02/18/2021

## Exempels:

### 1. Intra-community delivery without sales tax:

The following mandatory segments must be specified:

- AAC (TAX+7+VAT)
- Tax relevant text (FTX+TXD)
- VAT ID supplier must be ≠ DE
- MOA+403

Description	English	Hint
UNA:+.?'	Delimiter definition	
UNB+UNOC:3+12345+PORSCHE+180131:0911+2114'	Start of the transfer file with sender, recipient, transfer number and date	
UNH+1+INVOIC:D:07A:UN:GA0131'	Head segment with subset identifier	
BGM+380+0206111867'	Type of invoice (commercial invoice) and number	
DTM+137:20180130:102'	Invoice date: 01/30/2018	mandatory field
DTM+1:20180129:102'	Performance date for sales tax: 01/29/2018	mandatory field
GEI+PM+::272'	Material type (production material)	
NAD+BY+17587::92++ Dr. Ing. h.c. F. Porsche AG+Porscheplatz 1+Stuttgart++70435+DE'	Purchaser with customer number and address: Customer number: 1234567 assigned address details by the seller ZIP 70435	Only correct values are accepted here. Here only a 1: 1 match is accepted by the system. Otherwise the calculation will run into error
RFF+VA:DE147799625'	VAT ID: DE147799625'	Only this Porsche AG sales tax ID needs to be entered in the mandatory field

NAD+SE+99999::92++Sample GmbH+Sample GmbH+Samplest. 220+Sample city++77700+DE'	Seller with supplier number and address	The system only accepts a complete supplier address.
RFF+VA:DE281999999'	UST ID: DE12345678	Mandatory field - if available
RFF+FC:	Tax number for third country	The tax number is only a mandatory field if the supplier delivers from a third country
CUX+2:EUR:4'	Invoice currency and payment currency with exchange rate	
PYT+1++5+3+D+30'	Payment term 1: 30 days after the invoice date without deduction	optional
DTM+140:20180225:102'	Due date	optional
PCD+12:0'	0% cash discount	optional
FII+RH+8701591:Sample GmbH+:::79999900:::Sample bank OÖ Zndl Süddeutschland'	Account details	optional
LIN+10++999.999.999:IN'	Invoice item and part number purchaser	Mandatory field
PIA+1+0708052#:SA'	Item number seller, customs tariff	optional
IMD+++:::RT140-PS/AP_P/AP-EK'	Parts or description of services	Mandatory field for service invoices
QTY+47:28:PCE'	Calculated amount	Mandatory field
ALI+DE'	Country of origin	Mandatory field
MOA+203:5698.28:EUR'	Net amount of the position - excl. VAT - including surcharges and discounts (except packaging costs)	Mandatory field

PRI+AAA:203.51::CON:1:PCE'	Net price of the item - excluding VAT - including surcharges and discounts (except packaging costs) and price reference (1 piece)	Required field  The calculation is carried out on the basis of the net price. Incorrect values cannot be posted correctly
RFF+AAU:0080358323'	Delivery note number and position	Mandatory field for production material and not required for service invoices
DTM+171:20180129:102'	Date of the delivery note	Mandatory field
RFF+ON:790999'	Order number	Mandatory field for production material and not required for service invoices
DTM+171:20131127:102'	Date of the delivery note	Mandatory field
TAX+7+VAT+++::0+AAC'	Tax type and rate: VAT 0%	Mandatory field
NAD+ST+16::92+Porsche Logistik GmbH:plant: 16, Unloading point BAU50+Porsche Logistik GmbH:plant: 16, Unloading point BAU50+Porscheplatz 1+Sachsenheim++74343+DE'	Goods recipient with ID and address (either at header level for all items or individually for each item)	optional
LOC+11+:::BAU50'	Unloading point	optional
UNS+S'	Separation of item and sum part	Mandatory field
CNT+2:1'	Control value: number of positions	Mandatory field
MOA+77:5698.28EUR'	Final invoice amount in invoice currency	Mandatory field
MOA+125:5698.28:EUR'	Taxable amount (total)	Mandatory field
MOA+176:0:EUR'	Tax amount (total)	Mandatory field
MOA+79:6698.28:EUR'	Sum of the item amounts	Mandatory field

MOA+403:5698.28:EUR'	Tax-exempt amount	Mandatory field  only if it is transferred without VAT. Otherwise please let it out.
TAX+7+VAT+++:::0+AA'	Tax type and rate: VAT 0%	Mandatory field
MOA+124:0:EUR'	Tax amount	Mandatory field
MOA+125:5698.28:EUR'	Taxable amount (total)	Mandatory field
UNT+43+1'	End of message	Mandatory field
UNZ+1+2114'	End of the transfer file	Mandatory field



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## 2. Domestic German delivery with 19% German sales tax

Description	English	Hint
UNA:+.?'	Delimiter definition	
UNB+UNOC:3+12345+PORSCHE+180131:0911+2114'	Start of the transfer file with sender, recipient, transfer number and date	
UNH+1+INVOIC:D:07A:UN:GA0131'	Head segment with subset identifier	
BGM+380+0206111867'	Type of invoice (commercial invoice) and number	
DTM+137:20180130:102'	Invoice date: 01/30/2018	Mandatory field
DTM+1:20180129:102'	Date of performance for sales tax: 01/29/2018	Mandatory field
GEI+PM+::272'	Material type (production material)	
NAD+BY+17587::92++Dr. Ing. h.c. F. Porsche AG+Porscheplatz 1+Stuttgart++70435+DE'	Buyer with customer number and address: Customer number: 1234567 assigned address details by the seller ZIP 70435	Only correct values are accepted here. Here only a 1: 1 match is accepted by the system. Otherwise the calculation will run into error
RFF+VA:DE147799625'	VAT ID: DE147799625'	Only this Porsche AG sales tax ID needs to be entered in the mandatory field
NAD+SE+99999::92++Sample GmbH+Sample GmbH+Samplest. 220+Sample city++77700+DE'	Seller with supplier number and address	Only a complete supplier address wird vom System akzeptiert.
RFF+VA:DE281999999'	UST ID: DE12345678	Mandatory field - if available

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RFF+FC:	Tax number for third country	The tax number is only a mandatory field if the supplier delivers from a third country
CUX+2:EUR:4'	Invoice currency and payment currency with exchange rate	
PYT+1++5+3+D+30'	Payment term 1: 30 days after the invoice date without deduction	optional
DTM+140:20180225:102'	Due Date	optional
PCD+12:0'	0% cash discount	optional
FII+RH+8701591:Sample GmbH+:::79999900:::Sample bank OÖ Zndl Süddeutschland'	Account details	optional
LIN+10++999.999.999.99:IN'	Invoice item and part number buyer	Mandatory field
PIA+1+0708052#:SA'	Item number seller, customs tariff	optional
IMD+++:::RT140-PS/AP_P/AP-EK'	Parts or description of services	Pflichtfeld für Service-Rechnungen
QTY+47:28:PCE'	Calculated amount	Mandatory field
ALI+DE'	Country of origin	Mandatory field
MOA+203:5698.28:EUR'	Net amount of the position - excluding VAT - including surcharges (except packaging costs)	Mandatory field
PRI+AAA:203.51::CON:1:PCE'	Item net price: - excl. VAT - including surcharges and discounts (except packaging costs) and price reference (1 piece)	Mandatory field  The calculation is carried out on the basis of the net price. Incorrect values cannot be posted correctly

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RFF+AAU:0080358323'	Delivery note number and position	Mandatory field for production material and not required for service invoices
DTM+171:20180129:102'	Date of the delivery note	Mandatory field
RFF+ON:790999'	Order number	Mandatory field for production material and not required for service invoices
DTM+171:20131127:102'	Date of the delivery note	Mandatory field
TAX+7+VAT+++:::19+S'	Tax type and rate: VAT 19%	Mandatory field
NAD+ST+16::92+Porsche Logistik GmbH:Plant: 16, Unloading point BAU50+Porsche Logistik GmbH:Plant: 16, Unloading point BAU50+Porscheplatz 1+Sachsenheim++74343+DE'	Goods recipient with ID and address (either at header level for all items or individually for each item)	optional
LOC+11+:::BAU50'	Unloading point	optional
UNS+S'	Separation of item and sum part	Mandatory field
CNT+2:1'	Control value: number of positions	Mandatory field
MOA+77:6780.95:EUR'	Final invoice amount in invoice currency	Mandatory field
MOA+125:5698.28:EUR'	Taxable amount (total)	Mandatory field
MOA+176:1082.67:EUR'	Tax amount (total)	Mandatory field
MOA+79:5698.28:EUR'	Sum of the item amounts	Mandatory field
TAX+7+VAT+++:::19+S'	Tax type and rate: VAT 19%	Mandatory field
MOA+124:1082.67:EUR'	Tax amount	Mandatory field
MOA+125:5698.28:EUR'	Taxable amount (total)	Mandatory field
UNT+43+1'	End of message	Mandatory field
UNZ+1+2114'	End of the transfer file	Mandatory field

### 3. Invoices without tax and with tax exemption reason

The following mandatory segments must be specified:

- E (TAX+7+VAT)
- Tax relevant text (FTX+TXD)
- VAT ID supplier must be ≠ DE
- MOA+403

Description	Englisch	Hint
UNA:+.?'	delimitation	
UNB+UNOC:3+12345+PORSCHE+180131:0911+2114'	Interchange file (sender, recipient;	
UNH+1+INVOIC:D:07A:UN:GA0131'	transmission number	
BGM+380+0206111867'	Invoice type (commercial invoice) and number	
DTM+137:20180130:102'	Invoice date 30.01.2018	Mandatory field
DTM+1:20180129:102'	Service date VAT 29.01.2018	Mandatory field
FTX+TXD+++Delivery from a third country'	Delivery from third country	Mandatory field
GEI+PM+::272'	Material type (production material)	
NAD+BY+17587::92++Dr. Ing. h.c. F. Porsche AG+Porscheplatz 1+Stuttgart++70435+DE'	Buyer with customer number and address: Customer number: 1234567 assigned by buyer address data	Only correct values are accepted here. Here only a 1:1 match is accepted by the system. Otherwise, the invoice will run on error.
RFF+VA:DE147799625'	VAT ID	Only this VAT ID of Porsche AG must be transferred in the mandatory field.
NAD+SE+99999::92++Sample GmbH+Sample GmbH+Samplest. 220+Samplecity++77700+DE'	Seller with vendor number and address	Only a complete supplier address is accepted by the system.
RFF+FC:513573659'	Tax number for third parties	The tax number is only a mandatory

# PORSCHE

		field if the supplier supplies from a third country.
CUX+2:EUR:4'	Billing currency and payment currency with currency exchange rate	
PYT+1++5+3+D+30'	Payment term 1: 30 days after invoice date without deduction	optional
DTM+140:20180225:102'	Due date	optional
PCD+12:0'	0% cash discount	optional
FII+RH+8701591:Sample GmbH+:::79999900:::Samplebank OÖ Zndl Süddeutschland'	Account details	optional
LIN+1++999.999.999.99:IN'	Invoice item and supplier reference number buyer	Mandatory field
PIA+1+0708052#:SA'	supplier reference number seller, customs tariff	optional
IMD+++:::RT140-PS/AP_P/AP-EK'	Parts or service description	Mandatory field for service invoices
QTY+47:28:PCE'	calculated amount	Mandatory field
ALI+TR'	Country of origin	Mandatory field
FTX+TXD+++Delivery from a third country'	Delivery from third country	Mandatory field
MOA+203: 5698.28:EUR'	Net amount of the item - excl. UST - incl. surcharges and discounts (except packaging costs)	Mandatory field
PRI+AAA:203.51::CON:1:PCE'	Net price of the item: - excl. VAT, - incl. surcharges and discounts	Mandatory field  Net price per unit is the calculation basis. Incorrect amounts cannot be posted.
RFF+AAU:0080358323'	Delivery note number and position	Mandatory for product material

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		and not available for service invoices
DTM+171:20180129:102'	Date of delivery note	Mandatory field
RFF+ON:790999'	Purchase order number	Mandatory for product material and not available for service invoices
DTM+171:20131127:102'	Date of delivery note	Mandatory field
TAX+7+VAT+++:::0.00+E'	Tax: VAT 0%	Mandatory field
NAD+ST+16::92+Porsche Logistik GmbH:Werk: 16, Unloading point BAU50+Porsche Logistik GmbH:Plant: 16, Unloading Point BAU50+Porscheplatz 1+Sachsenheim++74343+DE'	Goods recipient with ID and address	optional
LOC+11+:::BAU50'	Unloading point	optional
UNS+S'	Delimiter position and summary part	Mandatory field
CNT+2:1'	Control value: amount and positions	Mandatory field
MOA+77: 5698.28:EUR'	Final invoice amount in billing currency	Mandatory field
MOA+125:5698.28:EUR'	Taxable amount (total)	Mandatory field
MOA+176:0.00:EUR'	Tax amount (total)	Mandatory field
MOA+79: 5698.28:EUR'	Total item amounts	Mandatory field
MOA+403: 5698.28:EUR'	Tax exempt amount	Mandatory field  only if transferred without VAT. Otherwise please let out.
TAX+7+VAT+++:::0.00+E'	Tax type and rate: 0% VAT	Mandatory field
MOA+124:0.00:EUR'	Tax amount	Mandatory field
MOA+125:5698.28:EUR'	Taxable amount	Mandatory field
UNT+43+1'	End	Mandatory field
UNZ+1+2114'	End of interchange file	Mandatory field

Example invoice:

## EDI Rechnungen VDA 4938

Porsche EDI-Visualisierung		Übertragsdatum:	24.11.2017	UNB+UNDC:3
Dieses Dokument gilt nicht als Rechnung		Übertragsnummer:	17112415573045	UNZ+1
		Seite:	1 von 1	
		Eingangskanal:	Direktsender	
		VDA Dokumententyp:	Handelsrechnung	
		Rechnungsnummer:	9000487042	BGM+380+
		Rechnungsdatum:	28.09.2017	DTM+137
		Liefer-/Leistungsdatum:	28.09.2017	DTM+1
NAD+BY	Käufer	Steuernummer:		Anspruch / MRP
	DR.ING.H.C.F.PORSCHE AG	USt ID:	DE147799625 RFF+VA	Abteilung: GTA+iG+
	PORSCHEPLATZ 1 DE - 70435 STUTTGART			
NAD+ST	Warenempfänger	Steuernummer:		Anspruch /
	DR.ING.H.C.F.PORSCHE AG	USt ID:		Abteilung:
	PORSCHE STUTTGART DE - 70435 STUTTGART			
NAD+SE	Verkäufer	Steuernummer:	RFF+FC	Anspruch /
	████████████████████	USt ID:	SK2021 RFF+VA	Abteilung:
	████████████████████	Lieferantennummer:	██████ NAD+SE	Telefon: E-Mail:
Pos.	Sachnummer (Käufer)	ME	Berechnete Menge (1)	
		Preisbasis + PE	Nettopreis (2)	
	Beschreibung	Steuerart	Bruttopreis (3)	
		Währung	Steuersatz (4)	
		Währung	Nettobetrag (5)	
			Bruttobetrag (6)	

## EDI Rechnungen VDA 4938

LIN+1++	1	██████████	QTY+47: PCE Stück	32 (1)		
			PRI+AAA CON:1000:PCE 1000 Stück	170,00 (2)		
		DUMMY LOCK LH 9P1.837.469.		170,00 (3)		
			VAT	0 % (4)		
			EUR	5,44 (5)		
			EUR	5,44 (6)		
RFF+ON RFF+AAU X		Bestellnummer: ██████████	Liefer-/Leistungsdatum: 28.09.2017	DTM+171		
		Lieferscheinnummer: 47261	Lieferscheindatum: 28.09.2017			
		Steuerkategorie: Steuerfreie innergemeinschaftliche Lieferung				
	Zu-/Abschläge	Art	Prozent	Rate	Währung	
	Summen	Steuersatz	Steuerbetrag	Zu versteuender Betrag	Kategorie	
	VAT	TAX+7+VAT+++	0 %	0,00 EUR	5,44 EUR	Steuerfreie innergemeinschaftliche Lieferung
				MOA+125		FITX+TXD
					Gesamtbetrag (Positionen):	EUR 5,44
					Steuerpflichtiger Betrag:	EUR 5,44
					Steuerbetrag:	EUR 0,00
					Rechnungsbetrag:	EUR 5,44
		Rechnungswährung: EUR CUX+2:EUR				
	Zahlungsbedingungen					
	Art	Prozent	Währung	Betrag	Zeitbezug	Zeitspanne
	Netto					Fälligkeitsdatum
						28.10.2017
	Meldeinformationen					
	████████████████████					
	████████████████████					
	AV ██████████					
	35893427					

## OFTP2 Daten- und Parameterblatt OFTP2 Data and parameter sheet

		Porsche	EDI-Partner
<b>General Information</b>			
Firmenanschrift (Firmenname, Adresse)	Company address (Company name, address)	Dr.Ing.h.c.F.PORSCHE AG Porscheplatz 1 D - 70435 Stuttgart	
EDI-Provider (ja/nein, ggf. Adresse)	EDI-Provider (yes/no, address if appl.)	Nein/No	
Kundennummer / Lieferantenr.	Customer ID / Supplier ID		
EDI-Software*)	EDI-Software*)	T-Systems rvsEvo	
Empfangsbereitschaft	Stand by	00:00 – 24:00	00:00 – 24:00
Verantwortlicher - Verbindungseinrichtung (Email)	Responsibility - transfer connection (e-mail)	<a href="mailto:edi-operating@porsche.de">edi-operating@porsche.de</a>	

### oFTP Parameter

SSID	SSID	O0013000018PORSCHE-DIP	
SFID (leer falls SSID=SFID)	SFID (empty if SSID=SFID)	O0013000018PORSCHE-SPI	
Odette-Passwort	Odette password	PORSOFTP	
EERP eingehend	EERP incoming	Ja/Yes	
EERP ausgehend	EERP outgoing	Ja/Yes	
EERP Signierung	EERP signature	Nein/No	
Datenverschlüsselung	File encryption	Nein/No	
Datensignierung	File signature	Nein/No	
Übertragungsmodus	Transfer mode	Unstrukturiert/Unstructured	
OFTP2 Client Authentifizierung	OFTP2 client authentication	Ja/Yes	
Manueller Zertifikatsaustausch	Manual certificate exchange	Email	
Automatischer Zertifikatsaustausch	Automatic certificate exchange	Nein/No	



## Transport Parameter

Host / IP  <u>Wichtig:</u> Änderungen der IP-Adresse bitte 2 Wochen vor Wirksamkeit mitteilen.	Host / IP  <u>Important notice:</u> Please inform us about any changes in your IP address 2 weeks in advance.	To**): oftp2-3.fw.porsche.de 84.21.56.52, 84.21.40.214 (Failover Atlanta) From: 84.21.32.31, 84.21.32.32, 84.21.32.35, 84.21.32.36, 84.21.40.213, 84.21.40.214, 84.21.34.156, 84.21.34.157, 84.21.42.110, 84.21.42.111	
Port	Port	6619	
Transportverschlüsselung	Transport Encryption	TLS	
TLS Client Authentifizierung	TLS client authentication	Nein/No	
TLS SSL Zertifikat CA	TLS SSL certificate CA	CN=ODETTE SHA-2 Issuing CA	
OFTP2-Security Certificate CA	OFTP2-Security Certificate CA	CN=ODETTE SHA-2 Issuing CA	

\*) optional

\*\*\*) always use the DNS name in your config for outgoing traffic to Porsche.

In case you cannot use the DNS name, configure both IPs!

**For small and medium invoice volumes (not suitable for series and spare parts suppliers) we offer the following alternatives for electronic invoicing:**

- PDF
- BASWARE (service provider)
- FIN application on [vwgroupsupply.com](http://vwgroupsupply.com)

**If you wish to receive more information about future possibilities, please contact [edi-rechnungswesen@porsche.de](mailto:edi-rechnungswesen@porsche.de)**

## **5.4 Credit / debit advice / complaint / revaluation VDA4938**

Correction documents are also sent to the suppliers by Porsche via EDI in VDA4938 format.

BGM code:

Revaluations: 295

Complaint notice: 383

Debit advice: 383

Credit notes: 389

VFN: ZU.XXXXX.V4938

## 5.5 APERAK VDA4938 part 5

Porsche offers suppliers the use of APERAK messages for standardized receipt in the event of errors for accounting documents.

The following cases are currently acknowledged in case of errors:

G003 Net amount of the item should be <> 0 -> MOA + 203

G007 Invoice amount (SG50.MOA+77) must be <> 0

V018 Text for tax exemption missing if qualifier E must be filled (FTX + TXD) -> same logic as for tax audit

S007 Invoice currency missing -> in SEG CUX, MOA + 77 and MOA + 203

S009 Control rate missing -> header and position level

Only APERAK messages are generated for the defined error images. Correct messages are not acknowledged.

## VFN: ZU.XXXXX.APERAK

## 5.6 Freight invoice

The current 'Handbuch Rechnungs-DFÜ Cargo' (EDI cargo invoicing manual) can be requested separately from Dept.FFR2. Contact: Ms Darocha Tel. +49 711 911 24372, e-mail: [sabrina.darocha@porsche.de](mailto:sabrina.darocha@porsche.de)

The corresponding manual Invoice EDI (cargo guide) can be downloaded from the following website in the section Freight invoicing (Frachtabrechnung).


<https://newsroom.porsche.com/de/porsche-ag-information-fuer-lieferanten-rechnungsstellung-22797.html>

**Frachtabrechnungen** PDF |

Rechnungs-DFÜ

Für die Abrechnung von Frachtrechnungen in Zusammenhang mit Serien- und Aftersales-Umfänge sowie Sonderfahrten sind die Rechnungen via DFÜ an Porsche zu übermitteln.

Für die Anbindung der DFÜ stellen wir Ihnen unser Handbuch zur Frachten-DFÜ zur Verfügung:



**Download**  
Handbuch Rechnungs-DFÜ  
PDF | 932 KB

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## **6 Supplier communication, Ludwigsburg/Sachsenheim**

### **6.1 Invoice VDA 4938**

There is no plant-specific dependency with invoice EDI.  
All relevant information can be found in chapter 5.2.

Pos.	Content	Origin	Format SBS	Format 2D-Barcode
1	Supplier number	VDS4916/SA661/04	5 digits	9 digits, fill in left-justified with b b nk s + #
2	SBS-number	begins with "1" for each call-off group on 01/01 of the year and is continuously increased by one with each load carrier until the end of the year (zero setting on 12/31 of the year)	7 digits	7 digits, fill in left-justified with b b nk s + #
3	SBS-date	Date of the first module – VDA4916/SA664/09	YYMMDD	6 digits, YYMMDD + #
4	Number of P RODN R per load carrier	Entry by supplier	Actual number	3 digits, left-justified + #
5	APL. KPL. call-of group	VDA4916/SA664/07	APL-KPL-call-off group	3 digits, left-justified + #
6	Unloading point	VDA4916/SA664/06	4 digits	5 digits, fill in left-justified with b b nk s + #

### **6.2 Invoice data VDA 4938**

The A-price (parts price) is settled directly by Porsche AG.  
There are no plant-specific dependencies with invoice EDI.  
All relevant information can be found in chapter 5.2.

### **6.3 Crediting process**

The credit note procedure (neither VDA4908 nor VDA 4938) isn't supported by Porsche AG for deliveries of goods, see chapter 5.2.

The logistics costs are settled directly with PLG using the credit note procedure. All information's are made available to the supplier by email, fax and post.

### **6.4 EDI of invoice data according to VDA 4938**

There are no plant-specific dependencies with invoice EDI.  
All relevant information's can be found in chapter 5.2.

## 7 Structure of EDI messages

### 7.1 VDA 4907 remittance advice

#### Record type 911

Item	Data element	Field type	Length	Default/Remark
01	Record type	STRINGE	3	
02	Version	STRINGE	2	
03	Customer number	STRINGE	9	
04	Supplier number	STRINGE	9	
05	Transmission number old	NSTRINGE	5	
06	Transmission number new	NSTRINGE	5	
07	Transmission date	NSTRINGE	6	"YYMMDD"
08	Payment date	NSTRINGE	6	"YYMMDD"
09	Payment number	STRINGE	6	
10	Empty	STRINGE	77	

#### Record type 912

Item	Data element	Field type	Length	Default/Remark
01	Record type	STRINGE	3	
02	Version	STRINGE	2	
03	Delivery note number	STRINGE	8	
04	Document type	STRINGE	2	
05	Invoice number	STRINGE	8	
06	Invoice date	NSTRINGE	6	"YYMMDD"
07	Invoice final value	NSTRINGE	13	
08	Plus/minus sign	STRINGE	1	
09	Amount of discount	NSTRINGE	13	
10	Book number	STRINGE	8	
11	Currency	STRINGE	3	
12	Payment number	STRINGE	6	
13	Customer plant	STRINGE	3	
14	Empty	STRINGE	52	

#### Record type 919

Item	Data element	Field type	Length	Default/Remark
01	Record type	STRINGE	3	
02	Version	STRINGE	2	
03	Counter record 911	NSTRINGE	7	
04	Counter record 912	NSTRINGE	7	
05	Counter record 919	NSTRINGE	7	
06	Payment method	STRINGE	1	
07	Payment final value	NSTRINGE	13	
08	Final value of discount	NSTRINGE	13	
09	Invoice total	NSTRINGE	13	
10	Empty	STRINGE	62	

**Example file:**

91101761031 00001100200000000001070827070817  
91202 01123 06080100000023800001000000000000 978704302  
919010000001000000100000012000000238000000000000000000000000000002380000

If you require an example file with special content, please get in touch with your Porsche EDI contact.

## 7.2 VDA 4988 remittance advice

Bez	Nr	St	MaxWdh	Name	
	UNA	1	O	1	Trennzeichen-Vorgabe
	UNB	2	M	1	Nutzdaten-Kopfsegment
	UNH	3	M	1	Nachrichten-Kopfsegment
	BGM	4	M	1	Beginn der Nachricht
	DTM	5	M	1	Datum des Zahlungsavis
	DTM	6	O	1	Zahlungsdatum
	FII	7	R	1	Bankverbindung des Lieferanten bzw. des abweichenden Zahlungsempfängers (sofern zutreffend).
	FTX	8	O	99	Allgemeine Informationen zum Zahlungsavis
SG1			R	1	
	NAD	9	M	1	Name und Anschrift
SG3			O	1	
	CTA	10	M	1	Ansprechpartner beim Kunden
	COM	11	O	3	Kommunikationsverbindung
SG1			R	1	
	NAD	12	M	1	Name und Anschrift
SG2			O	1	
	RFF	13	M	1	Referenzangaben
SG1			D	1	
	NAD	14	M	1	Name und Anschrift
SG2			O	1	
	RFF	15	M	1	Referenzangaben
SG4			R	1	
	CUX	16	M	1	Währungsangaben
SG5			R	999999	
	DOC	17	M	1	Vorgangsschlüssel und Referenznummer des Versenders der Nachricht
	MOA	18	R	1	Rechnungs- / Gutschrifts- etc. Betrag (Endwert)
	MOA	19	O	1	Skontobetrag
	MOA	20	R	1	Zahlbetrag
	DTM	21	O	1	Datum des Referenzdokuments (Kunde)
	DTM	22	O	1	Datum des Referenzdokuments (Lieferant)
	RFF	23	O	1	Rechnungsnummer des Lieferanten
	UNS	24	M	1	Abschnitts-Kontrollsegment
	MOA	25	M	1	Gesamt-Zahlbetrag dieses Avis
	MOA	26	O	1	Skontobetrag (Summe)
	MOA	27	M	1	Summe der originalen Rechnungs- / Gutschrifts- / Transaktionsbeträge
	UNT	28	M	1	Nachrichten-Endesegment

## Example file:

UNA:+.? '  
UNB+UNOC:3+00013000018PORSCHE-SPI+PORSCHE+211108:1414+2'  
UNH+1+REMAADV:D:04A:UN:GAVG10'  
BGM+481::6+3902849810'  
DTM+137:20211108:102'  
DTM+138:20211109:102'  
FII+RH+DE12345678910111:SAMPLE GMBH+:::12345678:::SAMPLE BANK'  
NAD+BY+Porsche AG::91++DR. ING. H.C. F. PORSCHE AG+PORSCHEPLATZ  
1+STUTTGART++70435+DE'  
NAD+SE+0000012345::92++John Doe+Samplestreet 1+Samplecity++12345+DE'  
CUX+2:EUR:11'  
DOC+380::6+DRA 19004988'  
MOA+339:10.00:EUR'  
MOA+109:0.00:EUR'  
MOA+9:10.00:EUR'  
DTM+137:20200702:102'  
DTM+171:20200702:102'  
RFF+IV:DRA 19004988'  
UNS+S'  
MOA+12:10.00:EUR'  
MOA+138:0.00:EUR'  
MOA+98:10.00:EUR'  
UNT+20+1'  
UNZ+1+2'

The new VDA4988 format has now replaced the old VDA4907 format. All suppliers who are currently still supposed to send in the old format should contact the EDI team ([edi-rechnungswesen@porsche.de](mailto:edi-rechnungswesen@porsche.de)) as soon as possible to ensure the changeover.

## 7.3 Cross-plant invoices are mandatory (only) for series and spare parts deliveries

- **VDA4938 (VFN always xxxxx.ZU.V4938)**, Porsche uses the VDA standard guideline for this.

Documents (German and English) can be taken directly from [www.vda.de](http://www.vda.de) (search term: VDA4938). There is also a link for a VDA4938 validation portal (web checker) so that the generated VDA4938 messages can be tested for syntax errors in advance.

## 7.4 EDI at the Porsche subsidiaries

If you are interested in sending your invoices to the Porsche subsidiaries via EDI, please contact the EDI-accounting team at:

**[edi-rechnungswesen@porsche.de](mailto:edi-rechnungswesen@porsche.de)**